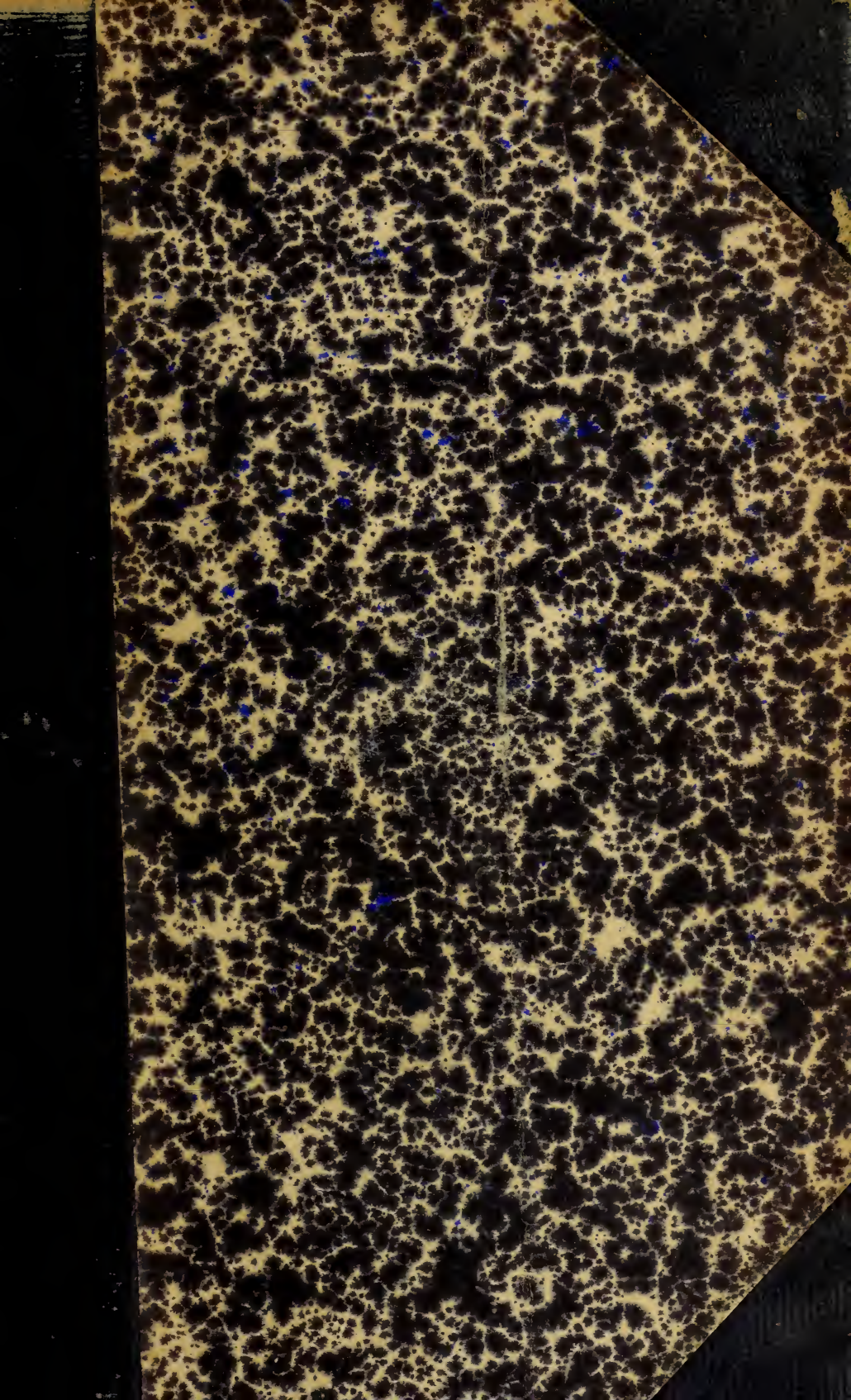

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CATALOGUE

OF

AMHERST COLLEGE

FOR THE YEAR

1885–1886.

AMHERST, MASS.

PUBLISHED BY THE COLLEGE.

MDCCCLXXXV.

1885.

JULY.

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
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1886.

JANUARY.

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JULY.

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
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NOVEMBER.

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DECEMBER.

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...

The College Calendar.

1885.

September	**10**, THURSDAY,	The Fall Term begins at eight o'clock A.M.
October	—(*day not fixed*),	Holiday (Mountain-day).
November	WEDNESDAY, THURSDAY, FRIDAY,	The Thanksgiving recess.
December	**22**, TUESDAY,	The Fall Term ends at noon.

1886.

January	**7**, THURSDAY,	The Winter Term begins at eleven o'clock A.M.
	28, THURSDAY,	The Day of Prayer for Colleges.
February	**22**, MONDAY,	Holiday (WASHINGTON'S Birthday).
March	**30**, TUESDAY,	The Winter Term ends at noon.
April	**15**, THURSDAY,	The Summer Term begins at 11 o'clock A.M.
May	—(*day not fixed*),	Holiday (Field-day).
	5, WEDNESDAY,	Public debate of the Social Union.
	8, SATURDAY,	The Gymnastic Exhibition.
	19, WEDNESDAY,	Prize speaking of the Social Union.
June	**24**, THURSDAY,	The first examinations for admission begin.
	27, SUNDAY,	The Baccalaureate Sermon. Address before the Hitchcock Society of Inquiry.
	28, MONDAY,	The Hyde Prize Exhibition. The Kellogg Prize Exhibition.
	29, TUESDAY,	Class-day. The Summer Term ends at noon.
	30, WEDNESDAY,	Meeting of the Alumni. Commencement Exercises. Alumni Dinner. The President's Reception.
September	**7**, TUESDAY,	The second examinations for admission begin.
	9, THURSDAY,	The Fall Term begins at eight o'clock A.M.
October	—(*day not fixed*),	Holiday (Mountain-day).
November	WEDNESDAY, THURSDAY, FRIDAY,	The Thanksgiving recess.
December	**21**, TUESDAY,	The Fall Term ends at noon.

Organization.

AMHERST COLLEGE was first opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed and approved by the Governor, April 28, 1874, conferred this power upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni.

The general government of the College is vested in its Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and methods of study, and to make such rules, not conflicting with the judgment of the Trustees, as may be deemed necessary for the best regulation of the College.

The Faculty have judged it wise to associate with them, in the immediate government of the College, a body chosen by the students themselves, to which questions of College order and decorum are referred, and whose decisions, if approved by the President, are binding in the College. This body is called the College Senate, and consists of four Seniors, three Juniors, two Sophomores, and one Freshman, chosen by their respective classes. At the meetings of the Senate, which are held regularly once a month, the President of the College presides. This movement toward self-government has been thus far justified by its results.

The Presidents of the College have been: the Rev. ZEPHANIAH SWIFT MOORE, D.D., 1821–1823; the Rev. HEMAN HUMPHREY, D.D., 1823–1845; the Rev. EDWARD HITCHCOCK, D.D., 1845–1854; and the Rev. WILLIAM AUGUSTUS STEARNS, D.D., LL.D., 1854–1876. The present President was appointed in 1876.

The corporate name of the Institution is "THE TRUSTEES OF AMHERST COLLEGE."

Administration.

A STUDENT whose recommendations have been approved, and whose examinations have shown him capable of admission to Amherst College, is received as a gentleman, and, as such, is trusted to conduct himself in truthfulness and uprightness, in kindness and respect, in diligence and sobriety, in obedience to law and maintenance of order, and regard for Christian institutions as becomes a member of a Christian College.

The privileges of the College are granted only to those who are believed to be worthy of this trust, and are forfeited whenever this trust is falsified.

The following are the principles of administration observed: —

(1) Work is assigned the student with careful reference to his capacity, so as to be neither more nor less than will exercise all his powers.

(2) The student should make the utmost improvement of his time and talents in regularly and diligently doing what the College assigns him.

(3) No student should be continued in a class for which, either in deportment or in scholarship, he is unfit.

(4) As this unfitness should be determined by the actual deficiencies of the student, a correct record is kept of his attendance and work, indicating from his daily recitations and reviews whether he has sufficiently mastered his studies to warrant his proceeding with his class. If in any department of study he has been present at nine-tenths of the exercises of his class, and if his attainment therein shall be satisfactory to his teacher, he shall be deemed qualified, without farther examination, to proceed with the work of the next term. If, however, he fails of this standard in attendance or attainment, he is required to pass a special examination in the work of the term, the minuteness of which is proportioned to the degree of his failure.

(5) Such examination, for which preparation should be made under the direction of a competent teacher, is held at the beginning of the following term. If the student fails to pass it, he is obviously unprepared to proceed with profit in the farther work of that department, and should not attempt to do so until his examination therein shall be completely sustained.

(6) Regularity of attendance upon the religious services of the College should be held with the same strictness as attendance upon other duties. Though absences from these exercises do not admit of an equivalent, and no equivalent therefore should be sought, it is proper that where they exceed a limited number, some duty be imposed in their place. This may best be done by increasing the study of the term when the absences occur. How far this increase should be carried may not, in every case, be easy to determine, but the general rule may be formulated that all absences from the religious services of the College exceeding one-tenth in any term, unless specially provided for, shall be added to the absentee's absences from his regular recitations of the term; and if these shall thereby exceed the allowed number for the term, a special examination in some farther work to be assigned by the teacher shall be required for the opening of the following term.

The Corporation.

Rev. Julius H. Seelye, D.D., LL.D., *President.*

Rev. Edward S. Dwight, D.D., of Hadley.

Nathan Allen, M.D., LL.D., of Lowell.

Hon. Edward B. Gillett, of Westfield.

Rev. Richard S. Storrs, D.D., LL.D., of Brooklyn, N.Y.

Rev. Roswell D. Hitchcock, D.D., LL.D., of New York City.

Rev. Edmund K. Alden, D.D., of Boston.

Hon. John E. Sanford, of Taunton.

Rev. William S. Karr, D.D., of Hartford, Ct.

Henry D. Hyde, Esq., of Boston.

Rev. James D. Wilson, D.D., of New York City.

Hon. John S. Brayton, of Fall River.

George Howland, M.A., of Chicago, Ill.

Francis A. Walker, LL.D., of Boston.

Thomas H. McGraw, M.A., of Poughkeepsie, N.Y.

G. Henry Whitcomb, M.A., of Worcester.

Edward A. Strong, M.A., of Boston.

Rev. Edward S. Dwight, D.D., *Secretary.*

William A. Dickinson, Esq., *Treasurer.*

Overseers of the Charitable Fund.

Rev. ROWLAND AYRES, D. D., of Hadley.

Rev. JOHN M. GREENE, D. D., of Lowell.

ELEAZER PORTER, Esq., of Hadley.

M. FAYETTE DICKINSON, Jr., Esq., of Boston.

Professor WILLIAM B. GRAVES, of Andover.

JOHN C. HAMMOND, Esq., of Northampton.

Rev. ROBERT M. WOODS, of Hatfield.

WILLIAM A. DICKINSON, Esq., *Commissioner.*

The Faculty.[1]

Rev. Julius H. Seelye, D. D., LL. D., *President*,[2]
McGraw Professor of Mental and Moral Philosophy, and Pastor of the College Church.

Charles U. Shepard, M. D., LL. D.
Emeritus Professor of Natural History.

Rev. William S. Tyler, D. D., LL. D.
Williston Professor of the Greek Language and Literature.

Edward Tuckerman, LL. D.
Professor of Botany.

Edward P. Crowell, D. D.
Moore Professor of the Latin Language and Literature, and Dean of the Faculty.

Edward Hitchcock, M. A., M. D.
Professor of Hygiene and Physical Education.

William L. Montague, M. A.
Professor of French, Italian, and Spanish.

Richard H. Mather, D. D.
Professor of Greek, and Lecturer on Sculpture.

William C. Esty, M. A.
Walker Professor of Mathematics and Astronomy.

Elijah P. Harris, Ph. D.
Professor of Chemistry.

Benjamin K. Emerson, Ph. D.
Hitchcock Professor of Geology and Zoölogy.

Rev. H. Humphrey Neill, M. A.
Williston Professor of Rhetoric and English Literature.

Rev. Thomas P. Field, D. D.
Samuel Green Professor of Biblical History and Interpretation, and Instructor in Hebrew.

[1] Arranged, with the exception of the President, in the order of appointment.
[2] On the Chester W. Chapin endowment.

ANSON D. MORSE, M. A.
Winkley Professor of History and Political Economy.

HENRY B. RICHARDSON, M. A.
Professor of German.

JOHN M. TYLER, M. A.
Stone Professor of Biology.

CHARLES E. GARMAN, M. A.
Associate Professor of Mental and Moral Philosophy.

DAVID P. TODD, M. A.
Associate Professor of Astronomy, and Director of the Observatory.

Rev. JOHN F. GENUNG, PH. D.
Associate Professor of Rhetoric.

Rev. HENRY A. FRINK, PH. D.
Professor of Logic and Oratory.

WILLIAM L. COWLES, M. A.
Associate Professor of Latin.

MARSHALL HENSHAW, D. D., LL. D.
Lecturer on Natural Philosophy.

JOHN B. CLARKE, M. A.
Lecturer on Political Economy.

LEVI H. ELWELL, M. A.
Instructor in Greek and Sanskrit.

G. GILBERT POND, M. A.
Instructor in Chemistry.

HIRAM H. SEELYE, M. A., M. D.
Instructor in Physical Education.

JAMES H. TUFTS, B. A.
Walker Instructor in Mathematics.

EPHRAIM L. WOOD, B. A.
Instructor in Latin, and Secretary of the Faculty.

EDWARD L. SUMNER,
Instructor in Vocal Music.

EDWARD B. MARSH, M. A.
Registrar.

WILLIAM I. FLETCHER, M. A.
Otis Librarian.

FREDERIC H. GARMAN,
Assistant Librarian.

The College Senate.

Presiding Officer: The President of the College.

Seniors. — Class of 1886.

Edward T. Ford.
Elmore G. Page.
Arthur W. Stuart.
Clarence H. White.

Juniors. — Class of 1887.

Frederic P. Johnson.
Charles A. Sibley.
Bryant Smith.

Sophomores. — Class of 1888.

James Ewing.
George S. Tenney.

Freshman. — Class of 1889.

Henry N. Dickinson.

Resident Graduates.

In Philology: Edward A. Guernsey, B. A. (1883).

In Chemistry: Edward P. Harris, B. A. (1885).
Perry H. Irish, B. A. (1885).

The Senior Class.

Edward Gray Adams,	*Owatonna, Minn.*,	Mr. Wheelock's.
William Buckingham Aiken,	*Norwich, Conn.*,	Mrs. Houghton's.
William Henry Harrison Witherell Benedict,	*Amherst, Mass.*,	Mr. Benedict's.
John Frank Bickmore,	*Tenant's Harbor, Me.*,	Mrs. Bickmore's.
Henry Herbert Brock,	*Portland, Me.*,	Mr. Kenfield's.
George Helon Buck,	*Crown Point, N. Y.*,	Mrs. Muzzy's.
Alfred Hastings Clark,	*Northampton, Mass.*,	Α Δ Φ House.
John Brittan Clark,	*Brooklyn, N. Y.*,	Rev. Mr. Eastman's.
Wesley Manley Cleaver,	*Catawissa, Penn.*,	4 South College.
Hallam Freer Coates,	*Alliance, Ohio*,	Mr. Couch's.
Lucien Blake Copeland,	*Northampton, Mass.*,	Χ Ψ Lodge.
Allen Eastman Cross,	*Manchester, N. H.*,	Ψ Υ House.
Charles Cummings,	*Marquette, Mich.*,	Δ Κ Ε House.
Henry Franklin Cutler,	*Greenwich, Mass.*,	26 North College.
Edmund Burke Delabarre,	*Conway, Mass.*,	Α Δ Φ House.
Josiah Pope Dickerman,	*Foxborough, Mass.*,	Χ Ψ Lodge.
Osgood Tilton Eastman,	*Framingham, Mass.*,	Rev. Mr. Eastman's.
Frederick Lincoln Eno,	*Lowell, Mass.*,	Ψ Υ House.
Edwin Fairley,	*Amherst, Mass.*,	Mrs. Fairley's.
Edward Huntington Fallows,	*Chicago, Ill.*,	Mrs. Huntington's.
William Clyde Fitch,	*Boston, Mass.*,	Χ Ψ Lodge.
Edward Torrey Ford,[1]	*Brockton, Mass.*,	Χ Φ House.
James Mack Henry Frederick,	*Akron, Ohio*,	Mr. Frederick's.
Charles Brown French,[1]	*Chicago, Ill.*,	Α Δ Φ House.
Milo Hudson Gates,	*Gardner, Mass.*,	Χ Φ House.
Allen Ayrault Griffith, Jr.,	*Chicago, Ill.*,	Mr. Edwards's.
Charles Alvan Guild,	*Walpole, Mass.*,	26 North College.
John Cherbury Hall,	*Amherst, Mass.*,	Mrs. J. M. Hall's.
John Denby Hird,	*Plainville, Conn.*,	Dickinson Block.
Clay Harvey Hollister,	*Grand Rapids, Mich.*,	Δ Κ Ε House.
Timothy Howard,	*North Brookfield, Mass.*,	Δ Κ Ε House.
Daniel Fisk Kellogg,	*Chittenango, N. Y.*,	Δ Κ Ε House.
George Frederick Kenngott,	*Pittsburgh, Penn.*,	Rev. Mr. Kingman's.
Robert Lansing,	*Watertown, N. Y.*,	Ψ Υ House.
Henry Albert MacGown,	*Clinton, Mass.*,	Χ Φ House.
Charles Henry Manwarren,	*Windsor, N. Y.*,	14 North College.
Charles Francis Marble,	*Worcester, Mass.*,	Mr. Hamlin's.
William Tyler Mather,	*Amherst, Mass.*,	Ψ Υ House.

[1] Scientific Course.

William Reubin Mattison,	*South Shaftsbury, Vt.*,	Δ K E House.
Charles Todd Moffett,	*Watertown, N. Y.*,	Ψ Υ House.
Fred Lewis Norton,	*Westfield, Mass.*,	Mr. Perkins's.
Elmore Granville Page,	*Whitney's Point, N. Y.*,	30 North College.
Maurice Eurelma Page,	*Whitney's Point, N. Y.*,	30 North College.
Samuel Shaw Parks,	*Palmer, Mass.*,	B Θ Π House.
Frederic Burritt Peck,	*Seneca Castle, N. Y.*,	Δ Υ House.
Harry Brown Perine,[1]	*Cameron, Mo.*,	Mr. Stebbins's.
Willard Henry Poole,	*Rockland, Mass.*,	B Θ Π House.
Frank Josiah Pratt, Jr.,	*Greenfield, Mass.*,	Ψ Υ House.
Walter Augustine Rugg,	*Montague, Mass.*,	Rev. Mr. Eastman's.
William Gray Schauffler,	*Cleveland, Ohio*,	Ψ Υ House.
Ralph Holland Seelye,	*Northampton, Mass.*,	X Φ House.
George Eliot Sill,[1]	*Hartford, Conn.*,	Rev. Mr. Bruce's.
Allen Macy Smith,	*Syracuse, N. Y.*,	X Φ House.
Theodore Smith,	*Milwaukee, Wis.*,	Mrs. Houghton's.
Charles Merrick Starkweather,	*Northampton, Mass.*,	X Ψ Lodge.
Charles Lafayette Stevens,	*Clinton, Mass.*,	Gymnasium.
Charles Stewart Street,	*Cortland, N. Y.*,	Hunt Annex.
Arthur Washington Stuart,	*Ayer, Mass.*,	27 North College.
Edgar James Swift,	*Ashtabula, Ohio*,	Mr. Bartlett's.
Charles Snow Thayer,	*Westfield, Mass.*,	Mr. Perkins's.
William Austin Trow,	*Northampton, Mass.*,	Δ K E House.
William Franklin Walker,	*Benson, Vt.*,	Δ Υ House.
Clarence Hayward White,	*Raynham, Mass.*,	B Θ Π House.
William Fairfield Whiting,	*Holyoke, Mass.*,	Mr. Rawson's.
Addis Merrille Whitney,	*Gouverneur, N. Y.*,	Ψ Υ House.
Hamlin Avery Whitney,	*Gardner, Mass.*,	Mr. Bartlett's.
Albert Edwards Wilbar,	*Taunton, Mass.*,	Mr. Perkins's.
Frank Griswold Wild,	*Brooklyn, N. Y.*,	X Ψ Lodge.
Harris Hawthorne Wilder,	*Princeton, Mass.*,	Mr. Hamlin's.
Ira Couch Wood,	*Oak Park, Ill.*,	A Δ Φ House.
Walter Childs Wood,	*Northampton, Mass.*,	A Δ Φ House.
Robert Archey Woods,	*Pittsburgh, Penn.*,	Rev. Mr. Kingman's.
James Scott Young,	*New York City*,	Dickinson Block.

PURSUING A SPECIAL OR A PARTIAL COURSE.

Rev. Charles Crombie Bruce,	*Amherst, Mass.*,	Rev. Mr. Bruce's.
Laertes Theodore Conrad,	*Elysburgh, Penn.*,	8 North College.
Edwin Stetson Damon,	*Plymouth, Mass.*,	8 Hunt Block.
Gabriel Basileios Kambouropoulos,	*Manisa, Turkey*,	32 South College.

[1] Scientific Course.

77.

The Junior Class.

Eugene Thomas Allen,	*Athol, Mass.*,	23 North College.
Andrew Porter Alvord,	*Canton, Conn.*,	Mr. R. T. Dickinson's.
George Massa Bassett,	*Worcester, Mass.*,	Mr. Hamlin's.
John Bigham,	*Pittsburgh, Penn.*,	Rev. Mr. Kingman's.
William Tyler Bliss,	*Beirût, Syria*,	Α Δ Φ House.
Edward Dwight Blodgett,	*Cortland, N. Y.*,	Δ Κ Ε House.
Alexander Brough, Jr.,	*Providence, R. I.*,	Mrs. L. E. Redding's.
Seelye Bryant,	*Worcester, Mass.*,	Rev. Mr. Eastman's.
Barry Bulkley,	*Washington, D. C.*,	Rev. Mr. Herrick's.
Wallace Torry Chapin,	*Hyde Park, Ill.*,	Mr. Morgan's.
Charles Amherst Chase,	*Lake View, Ill.*,	Χ Ψ Lodge.
Edward Olcott Chase,	*Chicago, Ill.*,	Χ Ψ Lodge.
William Orion Conrad,	*Sterling, Minn.*,	Mr. Wheelock's.
Albert Putnam Davis,	*Hyde Park, Mass.*,	Ψ Υ House.
George Cooper Dean,	*Holbrook, Mass.*,	Mrs. Muzzy's.
James Darius Dillingham,	*Berkley, Mass.*,	Mr. William Hastings's.
Joseph La Mott Dixon,	*Smyrna, N. Y.*,	Ψ Υ House.
Charles Henry Dutton,	*North Amherst, Mass.*,	14 South College.
George Nelson Goddard,	*Milford, Mass.*,	Library.
Cyrus King Hale,	*Newburyport, Mass.*,	Merrill House.
Herman Wadsworth Haley,	*Amherst, Mass.*,	Rev. Mr. Haley's.
Edwin Noah Hardy,	*Nelson, N. H.*,	College House.
Edward Jenkins Harlow,	*Lowell, Mass.*,	27 North College.
John Fletcher Harper,	*Milwaukee, Wis.*,	Rev. Mr. Herrick's.
Frank Harley Harriman,	*Maynard, Mass.*,	Dickinson Block.
Nelson Cary Haskell,	*Falmouth, Me.*,	31 North College.
George Henry Haynes,	*Sturbridge, Mass.*,	Δ Κ Ε House.
Edward Payson Holton,	*Everett, Mass.*,	Mrs. Holton's.
Alfred Francis Howes,	*Ashfield, Mass.*,	Mrs. Morse's.
Louis Vaughan Hubbard,	*Malone, N. Y.*,	Ψ Υ House.
John Savage Hunt,	*Utica, N. Y.*,	Α Δ Φ House.
Frederic Perley Johnson,	*Roslindale, Mass.*,	Δ Υ House.
John Thomas Keating,	*Northampton, Mass.*,	13 North College.
Allen Alonzo Keene,	*Atkinson, Me.*,	Merrill House.
Arthur Kendrick,	*Nashua, N. H.*,	Δ Κ Ε House.
William Magee Kidder,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Junius Cecil Knowlton,	*Medway, Mass.*,	Mr. Rawson's.
John Lacy Linehan,	*Amherst, Mass.*,	13 North College.
William Seagrove Magill,	*Amherst, Mass.*,	Mr. Magill's.
George Barry Mallon,	*Malone, N. Y.*,	Ψ Υ House.
Walter Eltinge Merritt,	*Kingston, N. Y.*,	Mr. Baxter Marsh's.

George Alonzo Mirick,	*East Cambridge, Mass.*,	Dr. Seelye's.
Samuel French Nichols,	*Grafton, Mass.*,	Δ Υ House.
Willard Joslyn Nourse,	*Westborough, Mass.*,	Gymnasium.
Robert Manning Palmer,	*Boston, Mass.*,	Β Θ Π House.
Fred Bayley Pratt,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Louis De Witt Record,	*Fitchburg, Mass.*,	College House.
Daniel Weston Rogers,	*Holbrook, Mass.*,	27 South College.
Edward Bruce Rogers,	*Cincinnatus, N. Y.*,	Δ Υ House.
Arthur Charles Rounds,	*Plymouth, N. H.*,	Χ Ψ Lodge.
Ralph Stowell Rounds,	*Plymouth, N. H.*,	Χ Ψ Lodge.
Alvan Francis Sanborn,	*Marlborough, Mass.*,	Ψ Υ House.
Arthur Henry Sedgwick,	*Lenox, Mass.*,	23 North College.
Frank Chapman Sharp,	*West Hoboken, N. J.*,	Mr. Baxter Marsh's.
Charles Arthur Sibley,	*Ware, Mass.*,	Dickinson Block.
Bryant Smith,	*Davenport, Iowa*,	Mrs. Houghton's.
Richard Fiske Smith,	*West Roxbury, Mass.*,	Ψ Υ House.
Charles Benjamin Stevens,	*Worcester, Mass.*,	Mr. Hamlin's.
Alfred Luther Struthers,	*Upton, Mass.*,	College House.
Frederick Miner Thompson,	*Brattleborough, Vt.*,	Mr. R. T. Dickinson's.
Willard Brown Thorp,	*Oxford, N. Y.*,	Χ Φ House.
John Kidder Truslow,	*Brooklyn, N. Y.*,	Rev. Mr. Herrick's.
Stephen J Turtelot,	*Herkimer, N. Y.*,	Mrs. Muzzy's.
George Abner White,	*Elmira, N. Y.*,	Δ Υ House.
Walter Porter White,	*Boston, Mass.*,	Δ Υ House.
Edwin Hunt Whitehill,	*South Attleborough, Mass.*,	Gymnasium.
Willard Francis Whitmarsh,	*North Abington, Mass.*,	27 South College.
William Belcher Whitney,	*Bennington, N. H.*,	Δ Κ Ε House.
Howard Ogden Wood,	*Brooklyn, N. Y.*,	Α Δ Φ House.

PURSUING A SPECIAL OR A PARTIAL COURSE.

John James Mason, 2d,	*Norwich, Conn.*,	Mr. R. T. Dickinson's.
Willard Abram Putnam,	*Cooleyville, Mass.*,	Χ Φ House.
Lafon Riker,	*Harrodsburgh, Ky.*,	Ψ Υ House.
Jon Kanzou Uchimura,	*Sapporo, Japan*,	15 North College.
Thomas Clifton Willard,	*Cleveland, Ohio*,	Post Office Block.

74.

The Sophomore Class.

Herman Vandenburgh Ames,	*Howard, R. I.*,	Δ ϒ House.
William Henry Harrison Andrews,	*Gloucester, Mass.*,	Mrs. Morse's.
Leonard Foster Apthorp,	*Boston, Mass.*,	Mrs. E. T. Smith's.
Harmon Austin, Jr.,	*Warren, Ohio*,	Post Office Block.
Asa George Baker,	*Springfield, Mass.*,	Mr. Perkins's.
Albert Sprague Bard,	*Norwich, Conn.*,	X Ψ Lodge.
Ralph Wilbur Bartlett,	*North Brookfield, Mass.*,	Mr. Bartlett's.
Clarence Wyatt Bispham,	*New York City*,	Mr. Kenfield's.
John Noble Blair,	*Pearl River, N. Y.*,	Mr. Baxter Marsh's.
Charles Lincoln Bliss,	*Constantinople, Turkey*,	Mrs. G. C. Munsell's.
John Summerfield Brayton, Jr.,	*Fall River, Mass.*,	X Ψ Lodge.
Charles Albert Brick,	*Augusta, Me.*,	8 North College.
Samuel Cony Brooks,	*Augusta, Me.*,	Mr. Baxter Marsh's.
Walter Ellingwood Bunten,	*Rondout, N. Y.*,	Δ ϒ House.
Irving Arthur Burnap,	*Fitchburg, Mass.*,	Dickinson Block.
Ernest Goodell Carleton,	*Amballa, India*,	Professor Crowell's.
Fred Leslie Chapman,	*Elgin, Ill.*,	5 Hunt Block.
William Bradford Child,	*Amherst, Mass.*,	Rev. Mr. Child's.
Sidney Avery Clark,	*Northampton, Mass.*,	Mrs. Eli Smith's.
William Paine Clarke,	*Samokove, Bulgaria*,	28 North College.
Zelotes Wood Coombs,	*Worcester, Mass.*,	Mr. Cooley's.
George Hiram Corey,	*McGrawville, N. Y.*,	Mr. Edwards's.
George Cornwell,	*Yorktown, N. Y.*,	Mrs. L. E. Redding's.
James Romeyn Danforth, Jr.,	*Philadelphia, Penn.*,	4 Hunt Block.
William Elliott Davidson,	*Pattersonville, Iowa*,	X Φ House.
Arthur Vining Davis,	*Hyde Park, Mass.*,	Mrs. Muzzy's.
Horace William Dickerman,	*Chicago, Ill.*,	Mr. Billings's.
Charles Henry Edwards,	*Amherst, Mass.*,	Mr. Edwards's.
James Ewing,	*Pittsburgh, Penn.*,	Mrs. Muzzy's.
James Alexander Fairley,	*Amherst, Mass.*,	Mrs. Fairley's.
Henry Seth Fish,	*Amherst, Mass.*,	Dr. Fish's.
Edward Franklin Gage,	*Amherst, Mass.*,	Mrs. Gage's.
Frank Lewis Garfield,	*East Jaffrey, N. H.*,	Rev. Mr. Eastman's.
Edwin Putnam Gleason,	*Bedford, Mass.*,	Δ ϒ House.
Lincoln Baker Goodrich,	*Salem, Mass.*,	14 South College.
William David Goodwin,	*South Woodstock, Ct.*,	Rev. Mr. Kingman's.
William Bates Greenough,	*Amherst, Mass.*,	President Greenough's.
Shattuck Osgood Hartwell,	*Littleton, Mass.*,	Mrs. Muzzy's.
Robert Worthington Hastings,	*Warren, Mass.*,	Mr. E. A. Thomas's.
John Haynes,	*Fitchburg, Mass.*,	12 South College.

Arthur Marston Heard,	*Centre Sandwich, N. H.*,	5 North College.
Eleazer Osborn Hopkins,	*Provincetown, Mass.*,	Dickinson Block.
Augustus Seymour Houghton,	*Amherst, Mass.*,	Mrs. Houghton's.
Clarence Sherrill Houghton,	*Monmouth Beach, N. J.*,	Χ Ψ Lodge.
Ellery Channing Huntington,	*Amherst, Mass.*,	Mrs. Huntington's.
Frederic Smith Hyde,	*Lyme, Conn.*,	Professor Richardson's.
George Merriam Hyde,	*Chicago, Ill.*,	3 Hunt Block.
Albert Henry Jackson,	*Wilmington, Del.*,	Mrs. Morse's.
Fred Bryce Jewett,	*Ballston Spa, N. Y.*,	Mr. Phillips's.
Lucius Ethan Judson, Jr.,	*Painesville, Ohio*,	Mr. Baxter Marsh's.
David Lyman Kebbe,	*Holliston, Mass.*,	18 South College.
Wallace Mignot Leonard,	*Newton Centre, Mass.*,	8 North College.
Arthur Mitchell Little,	*Washington, D. C.*,	Mrs. Kimball's.
Edward Lester Marsh,	*Leicester, Mass.*,	11 North College.
William Dwight Marsh,	*Amherst, Mass.*,	Rev. Dr. Marsh's.
Charles Ward Marshall,	*Rockport, Mass.*,	Mrs. Morse's.
John Hamilton Miller,	*Covington, Ky.*,	Mrs. Houghton's.
Warren Joseph Moulton,	*Centre Sandwich, N. H.*,	5 North College.
William Bradbury Noyes,	*Montclair, N. J.*,	Δ Υ House.
John Elliott Oldham,	*Wellesley Hills, Mass.*,	Χ Φ House.
Arthur Decatur Osborne,	*Keene, N. H.*,	Mr. Rawson's.
Marion Maynard Palmer,	*Hobart, N. Y.*,	Rev. Mr. Lentell's.
Allen Woodbury Parsons,	*Kalamazoo, Mich.*,	Δ Κ Ε House.
William Foster Peirce,	*Springfield, Mass.*,	Mr. Phillips's.
Willson Hamilton Perine,	*Cameron, Mo.*,	Mr. Stebbins's.
Paul Chrysostom Phillips,	*North Chelmsford, Mass.*,	Gymnasium.
Arthur Henry Pierce,	*Westborough, Mass.*,	Mr. Trott's.
Albert Hale Plumb, Jr.,	*Boston, Mass.*,	30 South College.
William Morton Prest,	*North Uxbridge, Mass.*,	Δ Κ Ε House.
Frank Ellsworth Ramsdell,	*Brockton, Mass.*,	Dr. Bigelow's.
Leonard Burbank Richards,	*Stamford, N. Y.*,	Mrs. Gage's.
Albert Bradford Ripley,	*Northampton, Mass.*,	Mrs. Eli Smith's.
John Belcher Rogers,	*Marysville, Cal.*,	Mr. Trott's.
Arthur Byron Russell,	*Aurora Station, Ohio*,	Mr. Frederick's.
Robert Harvey Sessions,	*Chicago, Ill.*,	Α Δ Φ House.
George Newton Seymour,	*Meriden, Conn.*,	Χ Φ House.
Clifton Lucien Sherman,	*Brattleborough, Vt.*,	Mrs. Muzzy's.
Walter Fisher Skeele,	*Augusta, Me.*,	Mr. Edwards's.
John Edwin Smith,	*Worcester, Mass.*,	10 Williams Block.
Willard Payson Smith,	*Dunkirk, N. Y.*,	Rev. Mr. Wright's.
Arthur French Stearns,	*Amherst, Mass.*,	Ψ Υ House.
George Palmer Steele,	*Painesville, Ohio*,	Mr. Baxter Marsh's.
Charles Sullivan,	*Sterling, Conn.*,	Mrs. Muzzy's.
Malcolm Joseph Sullivan,	*Dublin, Ireland*,	12 North College.
George Sanborn Tenney,	*Methuen, Mass.*,	Χ Ψ Lodge.
Edward Breck Vaill,	*Bound Brook, N. J.*,	12 Hunt Block.
Edward Hardenbergh Waldo,	*Amherst, Mass.*,	Rev. Dr. Waldo's.
Samuel Dexter Warriner,	*Montrose, Penn.*,	Mrs. Muzzy's.

Elbridge Cutler Whiting,	*Holliston, Mass.*,	22 South College.
Charles Barrows Wilbar,	*Taunton, Mass.*,	Mr. Perkins's.
Henry Reed Wilkinson,	*Providence, R. I.*,	X Ψ Lodge.
Herbert Pekin Woodin,	*Foo-Chow, China*,	Mrs. Woodin's.
John Dutton Wright,	*Amherst, Mass.*,	Rev. Dr. Wright's.

PURSUING A SPECIAL OR A PARTIAL COURSE.

Addison Allen,	*New York City*,	Α Δ Φ House.
Homer Gard,	*Hamilton, Ohio*,	Β Θ Π House.
Albert Payson Goodwin,	*Chicago, Ill.*,	Mr. Perkins's.
Harold Lee Jacobs,	*Akron, Ohio*,	Β Θ Π House.
Pierrepont Isham Prentice,	*Chicago, Ill.*,	Α Δ Φ House.
Charles Beebe Raymond,	*Akron, Ohio*,	Β Θ Π House.
James Gilbert Riggs,	*Dexter, N. Y.*,	Dickinson Block.
Porter Tracy,	*Saint Augustine, Fla.*,	22 North College.

101.

The Freshman Class.

James Franklin Ackerman,	*Nashua, N. H.,*	Mr. Edwards's.
Glenn Sevienne Allen,	*Kalamazoo, Mich.,*	Cutler Block.
Edward Allen Appleton,	*Springfield, Mass.,*	Mr. Baxter Marsh's.
George Lyman Baldwin,	*Litchfield, Conn.,*	Mrs. Kimball's.
Richard Belcher,	*Marysville, Cal.,*	Mr. Kenfield's.
Harry Clifford Bemis,	*Worcester, Mass.,*	9 Williams Block.
William Pingry Bigelow,	*Amherst, Mass.,*	Dr. Bigelow's.
Henry Hall Bosworth,	*Springfield, Mass.,*	Mr. Baxter Marsh's.
Harrison Hitchcock Brown,	*Palmer, Mass.,*	16 North College.
Charles Wolcott Burr,	*Auburndale, Mass.,*	Mr. Enos Baker's.
Edward Michael Callahan,	*Barre, Mass.,*	1 South College.
John Robert Callahan,	*Hadley, Mass.,*	Mrs. Fisher's.
Edward Chapin Camp,	*Springfield, Mass.,*	Mrs. Walker's.
James Leon Chamberlain,	*Springfield, Mass.,*	Mrs. Walker's.
James Chambers, Jr.,	*Brooklyn, N. Y.,*	Mr. Morgan's.
William Estabrook Chancellor,	*Worcester, Mass.,*	Mrs. Huntington's.
George Bosworth Churchill,	*Worcester, Mass.,*	11 Williams Block.
William Edwin Clarke, Jr.,	*Chicago, Ill.,*	Mr. Sloan's.
Alpheus Sherwin Cody.	*Canterbury, N. H.,*	24 North College.
Henry Arnold Cooke,	*North Brookfield, Mass.,*	Mrs. Muzzy's.
John Nelson Coolidge,	*Leicester, Mass.,*	6 North College.
Elmer Humphrey Copeland,	*Weare, N. H.,*	Mr. Baxter Marsh's.
Thomas Starr Corey,	*McGrawville, N. Y.,*	Mr. Edwards's.
James Kennedy Corss,	*Lock Haven, Penn.,*	Mr. Morgan's.
Benton Pulsifer Crocker,	*Hyannis, Mass.,*	Mrs. Muzzy's.
Robert Warner Crowell,	*Amherst, Mass.,*	Professor Crowell's.
Robert Holmes Cushman,	*Monson, Mass.,*	Rev. Mr. Bruce's.
William Horace Day,	*Ottawa, Ill.,*	Mr. Guernsey's.
Samuel Jesse Derby,	*Amherst, Mass.,*	Mr. Sloan's.
Louis Derr,	*Pottsville, Penn.,*	Mrs. Fairley's.
Henry Nash Dickinson,	*Granby, Mass.,*	Mrs. Kimball's.
Herburt Sidney Dixon,	*Smyrna, N. Y.,*	Mrs. L. E. Redding's.
Walter Hutchings Dodd,	*Portland, Oregon,*	Mrs. Davis's.
Frederick Lincoln Dole,	*Shelburne, Mass.,*	Mr. Kendall's.
Edward Payson Drown,	*Keene, N. H.,*	Mr. Rawson's.
John M Eastman,	*Woodville, N. Y.,*	Rev. Dr. Marsh's.
Herbert Clark Emerson,	*Concord, N. H.,*	Dr. Sempers's.
William Esty,	*Amherst, Mass.,*	Mr. Kenfield's.
Thomas Ewing, Jr.,	*Pittsburgh, Penn.,*	Mrs. Muzzy's.
Edward Fairbank,	*Ahmednagar, India,*	Mrs. Kimball's.

Vernon Phelps Gilbert,	*West Brookfield, Mass.*,	Mrs. Muzzy's.
Arthur Lee Golder,	*Strong, Me.*,	Mr. Bell's.
Walter Vreeland Gray,	*New London, Conn.*,	Mr. Arnold's.
Frank Ellis Gurney,	*Brockton, Mass.*,	Mrs. Morse's.
George Arthur Harlow,	*Augusta, Me.*,	Mr. Baxter Marsh's.
William Wilson Herrick,	*Amherst, Mass.*,	Rev. Mr. Herrick's.
John Sawyer Hitchcock,	*Amherst, Mass.*,	Dr. Hitchcock's.
Robert Dunlap Holt,	*Lowell, Mass.*,	Mrs. C. B. Thomas's.
Charles Sumner Holton,	*Everett, Mass.*,	Mrs. Holton's.
William Raymond Howard,	*Deerfield, Mass.*,	Mr. E. A. Thomas's.
Charles Jewett Humphrey,	*Faribault, Minn.*,	Mrs. Kimball's.
Edwin E Jackson, Jr.,	*Binghamton, N. Y.*,	Mr. Baxter Marsh's.
Arthur Curtiss James,	*New York City*,	Mrs. Houghton's.
Stephen Rossiter Jones,	*Brockton, Mass.*,	Mr. Rawson's.
George Aaron Kellogg,	*Vernon, Conn.*,	Merrill House.
Frank Smith Kenyon,	*Adams, N. Y.*,	Rev. Dr. Marsh's.
Daniel Parker Kimball,	*Amherst, Mass.*,	Mrs. Kimball's.
George Francis Loomis,	*Haydenville, Mass.*,	Mrs. Morse's.
Jonas Warren Merriam,	*Ware, Mass.*,	Mr. Dana's.
Thomas Arthur Mighill,	*Haverhill, Mass.*,	Δ Υ House.
Forris Jewett Moore,	*Suffield, Conn.*,	Mr. Bartlett's.
Wallace Horace Morris,	*Bennettsburgh, N. Y.*,	9 North College.
Charles Dickinson Phelps,	*Erving, Mass.*,	Mr. Hamlin's.
Frank Allen Philbric,	*Lowell, Mass.*,	Mr. Baxter Marsh's.
Charles Wendell Porter,	*Saint Louis, Mo.*,	9 Hunt Block.
Philip Murray Reynolds,	*Boston, Mass.*,	Mrs. Morse's.
Allen Dudley Severance,	*Cleveland, Ohio*,	Mr. E. A. Thomas's.
James Francis Shaw,	*Brimfield, Mass.*,	Mrs. Muzzy's.
Edward Quincy Smith,	*Washington, D. C.*,	16 North College.
Ernest Emmons Smith,	*Union, N. Y.*,	Mr. R. T. Dickinson's.
Harrie Alexander Smith,	*Enfield, Mass.*,	Professor Richardson's.
Frank Ellsworth Spaulding,	*Groton, Mass.*,	Dickinson Block.
Charles Falconer Stearns,	*Pawtucket, R. I.*,	Rev. Mr. Herrick's.
George Draper Storrs,	*Ware, Mass.*,	Mr. Kenfield's.
Albert Earl Sumner,	*Ilion, N. Y.*,	Mrs. Gage's.
Dan Talmage,	*Brooklyn, N. Y.*,	12 Hunt Block.
Daniel Varney Thompson,	*Augusta, Me.*,	Mr. Edwards's.
Herbert Henry Thorne,	*Holliston, Mass.*,	1 South College.
Willie Herbert Tingley,	*Dudley, Mass.*,	Mrs. L. E. Redding's.
Arthur Truslow,	*Brooklyn, N. Y.*,	Rev. Mr. Herrick's.
Franklin Elliot Tuttle,	*Hadley, Mass.*,	Mr. Dana's.
Ralph Holberton Wadhams,	*Wilkes Barre, Penn.*,	Mr. Morgan's.
John Jairus Walker,	*Amherst, Mass.*,	Mrs. Walker's.
Jesse Mather Watkins,	*Albany, N. Y.*,	Rev. Dr. Marsh's.
Royal Phillips Watkins,	*Gardner, Mass.*,	Mrs. Gage's.
George Barry Webster,	*Saint Louis, Mo.*,	Mrs. C. B. Thomas's.
Everett Alonzo White,	*Leicester, Mass.*,	7 North College.
Robert Rombout White,	*Yorktown, N. Y.*,	Mrs. L. E. Redding's.

Edward Samuel Whitney,	*Bennington, N. H.*,	Mrs. Kimball's.
Charles John Wier,	*Lowell, Mass.*,	Mr. Guernsey's.
George Warren Wilder,	*Worcester, Mass.*,	11 Williams Block.
Henry Howard Willcox,	*Malden, Mass.*,	Mrs. Houghton's.
Peter Howard Wilson,	*New York City*,	Mrs. Houghton's.
Frederick James Eugene Woodbridge,	*Kalamazoo, Mich.*,	Cutler Block.
Henry Phelps Woodworth,	*Lowell, Mass.*,	Mr. E. B. Marsh's.

PURSUING A SPECIAL OR A PARTIAL COURSE.

William Chambers Dicken,	*Pittsburgh, Penn.*,	Mr. Kendall's.
Stuart Whitney French,	*Chicago, Ill.*,	Α Δ Φ House.
Brandon Rhodehamel Millikin,	*Hamilton, Ohio*,	Β Θ Π House.
Max Wood Moorhead,	*Erie, Penn.*,	Mrs. Houghton's.
Edward Smith Winslow,	*Easthampton, Mass.*,	Mr. Morgan's.

100.

Summary.

Resident Graduates	3
Seniors	77
Juniors	74
Sophomores	101
Freshmen	100
Total	355

CLASSIFICATION BY RESIDENCE.

The United States: —	
California	2
Connecticut	14
Delaware	1
District of Columbia	3
Florida	1
Illinois	16
Iowa	2
Kentucky	2
Maine	10
Massachusetts	170
Michigan	5
Minnesota	3
Missouri	4
New Hampshire	16
New Jersey	4
New York	54
Ohio	14
Oregon	1
Pennsylvania	14
Rhode Island	4
Vermont	4
Wisconsin	2
	346
Other Countries: —	
Bulgaria	1
China	1
India	2
Ireland	1
Japan	1
Syria	1
Turkey	2
	355

Admission.

NO one can be admitted to the Freshman class until he has completed his fifteenth year, nor to advanced standing without a corresponding increase of age.

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character.

SUBJECTS OF EXAMINATION.

Examination (chiefly written) in the following subjects is required of all candidates for admission to the Freshman class: —

Latin. — (1) Cæsar's *Gallic War*, Books I.–IV., or an equivalent amount of Cæsar's *Civil War*, Cornelius Nepos, or Sallust; Cicero's *Orations against Catiline* and *for Archias*, with questions on the subject-matter and on grammar; Virgil's *Æneid*, Books I.–VI. (or *Eclogues* and *Æneid*, Books I.–V.), with questions on the subject-matter and on prosody.

(2) Translation at sight of average passages from Cæsar, Cicero's *Orations*, the *Æneid*, and Ovid's *Metamorphoses*, with general questions on grammar, prosody, history, and antiquities suggested by the prescribed passages.

(3) Translation into Latin of a passage of connected English narrative based upon some portion of the prescribed prose.

Greek. — (1) Greek Grammar; twenty exercises in Jones's Greek Prose Composition; four books of Xenophon's *Anabasis*, or one hundred pages of Goodwin's Greek Reader; and three books of Homer's *Iliad*.

(2) Translation at sight of average passages from various Greek authors, with questions suggested by the prescribed passages.

Mathematics. — Arithmetic, with the metric system; Algebra, through quadratic equations, including radical quantities, together with proportion, arithmetical and geometrical progressions, and the binomial theorem for positive integral exponents; and Plane Geometry.

English. — (1) A short composition, correct in spelling, punctuation, division into paragraphs, grammar, and expression, on a theme drawn from one of several books previously designated.

(2) Criticism of specimens of incorrect English.

The theme for the examinations of 1886 will be drawn from one of the following books: Shakespeare's *Julius Cæsar* and *Macbeth*; the first two books of Milton's *Paradise Lost*; Dickens's *Tale of Two Cities*; Scott's *Abbot*; Pope's *Rape of the Lock*; Lowell's *Vision of Sir Launfal*; Goldsmith's *She Stoops to Conquer*.

The theme for the examinations of 1887 will be drawn from one of the following books: Shakespeare's *Julius Cæsar* and *As You Like It*; the first two books of Milton's *Paradise Lost*; Scott's *Quentin Durward*; Whittier's *Snow Bound*; Wordsworth's *Michael*; Blackmore's *Lorna Doone*.

The theme for the examinations of 1888 will be drawn from one of the following books: Shakespeare's *Julius Cæsar* and *Twelfth Night*; Johnson's *Lives* of *Addison* and *Pope*; Pope's *Rape of the Lock*, and *Essay on Criticism*; Irving's *Bracebridge Hall*; Macaulay's *Lays of Ancient Rome*.

French. — Keetels's Elementary Grammar, or Otto's Grammar, Part I.

Ancient History. — History of Greece to the death of Alexander, with outlines of Greek geography; history of Rome to the death of Marcus Aurelius, with outlines of Roman geography.

TIME, PLACE, AND ORDER OF EXAMINATIONS.

The first examinations for admission begin at nine o'clock A.M., on Thursday (June 24, 1886) of the week preceding Commencement, and continue for two days. The result of these examinations is sent to the candidates, by mail, within two weeks after the examinations are held. The second examinations for admission begin at nine o'clock A.M., on the last Tuesday of the summer vacation (September 7, 1886), and continue for two days.

These regular examinations for admission to the College are held in WALKER HALL, at Amherst; and all candidates must present themselves promptly at the hour assigned for registration. Similar examinations are conducted simultaneously by officers of the College in large cities, and at preparatory schools elsewhere when necessary; and under such circumstances a fee of five dollars is required of each candidate before undergoing examination. Candidates who desire to be examined elsewhere than at Amherst must send their names to the Registrar in such season that they may be received not later than June 1.

The order of examinations, in both June and September, is as follows: —

In the forenoon of the first day, registration at nine o'clock, English at half past nine, French at a quarter past eleven; and, in the afternoon, arithmetic at two o'clock, algebra at three, and geometry at quarter past four.

In the forenoon of the second day, Latin prose composition at eight o'clock, Cæsar and Cicero and Latin grammar at nine, Virgil, Ovid, and Latin prosody at a quarter past ten, ancient history at a quarter past eleven; and, in the afternoon, the *Anabasis* and Greek prose composition at two o'clock, the *Iliad* and Greek grammar at a quarter past three, and translation of Greek at sight at half past four.

THE PORTER ADMISSION PRIZE.

All students who wish to compete for the Porter Admission Prize must pass the regular entrance-examinations at the time specified in the catalogue; and the award will be made in accordance with the result of these examinations.

CONDITIONS.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel any conditions then received, in September.

Those who remain conditioned after the September examinations, or receive conditions at that time, are required to study under teachers authorized by the examiners, and a fee is uniformly charged.

ADMISSION TO ADVANCED STANDING.

No student can be admitted to advanced standing later than the beginning of the second term of the Senior year.

Candidates for admission to advanced standing are examined in the studies which have been pursued by the class they wish to enter; and also in the requirements for admission to the College, if such standing has not been regularly attained in another college. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language.

The Course of Study.

THE course of undergraduate study extends through four academic years. It embraces Philosophy, History and Art, Language and Literature, and Science. Each study is pursued comprehensively, and at the same time with the minuteness requisite for the broadest and most accurate training. It is the aim of the College not so much to make specialists in any given department as to prepare the student for the best special work in his subsequent life.

For the first year and the first term of the second year the same studies are pursued by all the students. At the beginning of the second term of the Sophomore year certain studies become elective, and these are afterwards increased in number, so that during the Junior and Senior years the student, under such regulations as the Faculty find it wise to prescribe, can choose such studies as are best adapted to his own needs from nearly all the departments taught in the College. Excellent results have appeared from this method. The special wants of the student are thus met, his zest and progress in his work are increased, and his association with his teachers becomes thus more close and intimate.

Philosophy, History, and Art.

THE DEPARTMENT OF PHILOSOPHY.

The course in philosophy, which is pursued by the entire Senior class and extends through the whole year, includes a comprehensive study of psychology, ethics, and the history of philosophy. A course in metaphysics is also taken by an elective division of the class. The course is carried on by means of recitations from appropriate text-books, with constant discussions in the class-room; and its aim is to discipline the student in habits of sound thinking, and to lead him to the sources of adequate knowledge of himself, of nature, and of God.

PSYCHOLOGY. — Psychology is at first taken up as an experimental science, the actual facts of experience furnishing the data. These are studied until a classified system of all the powers and activities of the

human mind is attained. This gives an open door to a universal philosophy, which is considered in itself and in some of its more important and profound applications to science, to art, to morality, and to religion.

Ethics. — The study of ethics, which extends through the second term, embraces pure morality and positive authority, the latter including civil government with the doctrine of the state, divine government, and family government.

The History of Philosophy. — Throughout the third term the different systems of thought which have appeared in history are studied individually, but with especial reference to their interdependence.

Metaphysics. — In the elective course in metaphysics, the theory of knowledge and the questions of ontology are studied as far as the time or the aptitude of the student will permit.

Christian Evidences. — A course of study on theism, Christian evidences, and the religions of the world extends through the entire Senior year.

THE DEPARTMENT OF HISTORY AND POLITICAL ECONOMY.

History. — There are two courses in history, each extending through a year. The aim of the first course is an acquaintance with the outline of universal history and with the history of civilization. The most of the time is devoted to the mediæval and modern periods. The means of instruction are text-books, lectures, regular and frequent examinations, and abstracts upon topics assigned each student and read before a section of the class. The aim of the second course is an acquaintance with the political and constitutional history of the United States. The means of instruction are lectures, abstracts, and discussions.

Political Economy. — There are two courses in political economy. The first, during the Fall term of the Senior year, is introductory. The second, during the Winter term of the Senior year, is devoted to a study of wages, socialism, and tariffs. The means of instruction are like those of the corresponding courses in history.

ART.

A course of thirty lectures on historical sculpture is given during the first term of the Senior year. The object of the course is to impart a definite knowledge of the chief productions of the most famous sculptors, and it is very fully illustrated by stereopticon views, by direct reference to the casts of the Museum, and to the collection of photographs supplementary thereto.

Language and Literature.

THE DEPARTMENT OF GREEK.

The College adheres to its old requirement of Greek as a condition of entrance, and as one of the principal studies of the Freshman and Sophomore years. It insists on the mastery of this language as an invaluable discipline of the mind, and an indispensable foundation for a scholarly knowledge of the languages and literatures, not only of the ancient but of the modern European world.

During both the Freshman and Sophomore years Greek is taken by every student excepting those pursuing a special course, while it is open as an elective study during the whole of the Junior and Senior years. In the Freshman year special pains are taken to see that the students are well grounded in etymology, syntax, and prosody, the composition of words, and the structure of sentences; the authors read being chiefly Homer, Herodotus, the Lyric Poets, Plato, and Thucydides. Portions of the Greek Testament, also, are studied during the Freshman and Sophomore years.

As the student advances farther, his attention is principally given to the contents and style of the authors, while the literature and life of the people come into increasing prominence. Less attention being paid to the analytic study of words, a far more extensive reading of Greek authors is now attained during the collegiate course than formerly. It is the aim of the department to secure that Greek authors be read not only with facility and rapidity, but with an apprehension of their style and spirit, and with an attainment of the treasures of wisdom and knowledge contained in the language. The authors read are chiefly Aeschylus, Sophocles, Euripides, Demosthenes, Homer, and Plato.

An extended course of lectures on Greek literature accompanies the study of the Greek language.

THE DEPARTMENT OF LATIN.

In the work of the Freshman year especial attention is given to the structure of the Latin sentence, as illustrated in select portions of the writings of Cicero, Livy, and Horace, and as unfolded through frequent written and oral exercises in Latin prose composition and through the practice of reading prose Latin at sight. In the Sophomore year the study of the language is continued in an examination of the structure of the word, involving an analysis of its oldest forms, and an explanation of their changes into those of the Latin of the classical period, particularly in connection with the reading of Plautus and specimens of early Latin.

But, from the beginning of the year, the chief object of the course is the study of Latin literature, through a critical reading of selections from the most important authors in historical succession, viz., in the Sophomore year, Plautus, Cicero, and the Ciceronian and Augustan poets; and in the Junior and Senior years, Seneca, Quintilian, Pliny, Tacitus, and Juvenal. This reading is accompanied in the Junior year by a study of topics relating to the history of Latin literature as treated by Cruttwell and Simcox, with written examinations.

As a further continuation of the course, special subjects of study are assigned for voluntary and independent work in the Senior year, for the best accomplishment of which the Bertram scholarship is awarded.

The course of reading in classical Latin is supplemented by the study of the choicest specimens of Latin Christian poetry, from the rise of Latin hymnology in the fourth century to the fifteenth century, with topics on the origin and formation of the Latin Christian dialect and the history of Latin Christian literature.

HEBREW.

An elective course in Hebrew, including selections from Genesis and the Psalms, is offered during the whole of the Senior year.

SANSKRIT.

An elective course in Sanskrit and Pāli is offered as a preparation for special work in comparative philology and as an introduction to the study of the religions and literatures of India. The work may be extended through two years.

THE DEPARTMENT OF ENGLISH.

The instruction in the English Department embraces Elocution, Rhetoric, the English Language and English Literature, which are taken up progressively under different teachers.

Elocution. — Exercises in elocution are required of both the Freshman and the Sophomore classes during the first two terms of each of these years, and opportunities for optional work are at the same time furnished. As much class-work is done as the size of the class and the time allotted for this exercise allow; but the main dependence is placed upon individual training. During the second term of the Senior year an elective division in oratory prepares and criticises orations which are delivered before the division.

Rhetoric. — The study of rhetoric is a prescribed exercise during the first and second terms of the Freshman year and the third term of the Sophomore, supplemented by essay-writing in the first term of the Junior year.

The aim of the course is to supply such principles and practice as are to be most serviceable in after life. To this end the study of theory and the criticism of literary models, while no less carefully and prominently attended to, are subordinated to the practical purposes of constructive rhetoric. Beginning with copious exercise in the choice of words and in sentence-structure, the course thus proceeds, through the fundamental processes and forms of discourse, until the finished class-essays represent thorough training in the various details of literary work.

For those who wish to pursue the study farther, an elective division is formed, in the third term of the Junior year, whose work is to write carefully studied essays and read them before the class for criticism. Also an optional English club is conducted, during the Sophomore year, one evening in the week.

The final prescribed rhetorical work consists of weekly class debates, held for four terms, beginning with the second term of the Junior year, for the purpose of cultivating proficiency in extemporaneous speaking. The Hardy prizes are awarded as the result of these exercises.

Logic. — A course in Formal Logic is offered to an elective division of the Sophomore class during the second term, and may be continued through the year.

English Literature. — The study of the language prepares for the study of English literature, which begins with the Winter term of the Junior year, and is continued to the end of the Winter term of the Senior year. Beginning with the Anglo-Saxon period, the study is pursued to the modern period, and the course is entirely elective. Its aim is to secure an acquaintance with the prominent authors of prose and verse. A degree of familiarity with a few writers is sought rather than information about many.

In studying the earlier periods of the literature the students are assisted to discover the peculiarities of the authors by text-books, by lectures, and by the discussion of the principles of literary criticism. The Summer term of the Junior year is entirely given to the study of Shakespeare. From the beginning of the Senior year the students work more independently. Each week during the two terms is devoted to the study of one author. Extended essays are read before the several divisions of the class upon the author of the week, each member of the class reading one such essay every term. The divisions are prepared to criticise these essays by means of the previous study of topics and examination upon them. These topics are so selected as to cover the ground of assigned readings and to direct the student in his critical study.

THE DEPARTMENT OF MODERN LANGUAGES.

The aim of this department is to enable the student to read with ease the best authors in the several languages, — by which is meant, not merely the ability to translate, but to read and understand the language in itself, independently of translation.

GERMAN. — The study of German is entirely elective, and can be pursued during the whole of the Junior and Senior years. As no knowledge of the German language is required for admission to the College, the work of the first term of the Junior year is elementary, embracing the study of grammatical forms, the acquiring of a correct pronunciation, conversational exercises, writing from dictation, and the reading of a large amount of simple German prose. Constant reference is made to the relations between German words and idioms, and those of other languages, especially of the English ; and the rules of syntax are taught by observation from the language itself. The remaining terms of the Junior year are devoted to reading from the classical authors, the study of synonyms, translations from English into German, reading at sight, and the outlines of German literature.

In the Senior year the work covers a wider range of authors, and special periods in the literature. Courses of reading are arranged, adapted to the wants of individual students, the aim being to make their knowledge of the language of practical service in further literary and scientific study.

FRENCH. — The French language is a prescribed study for the first term of the Sophomore year, and an elective study for the remaining two terms of that year, and also for two terms of the Junior or Senior year. The requirement of an elementary knowledge of the language for admission to the College makes it possible to conduct all the recitations in French. During the first term, attention is given to conversation, the study of forms, the construction of sentences, writing French from dictation, acquiring a vocabulary, and reading familiar dialogues and modern comedies. During the second term, special attention is given to etymology, the history of the language, translations from English into French, and reading the classic poets. During the other terms the time is devoted to the history of the literature, the study of synonyms, and to extended and rapid reading of the standard authors, and to composition in French.

ITALIAN AND SPANISH. — The study of these languages is entirely elective, and each can be pursued a single term. No attention is given to the spoken language, the aim being merely to impart the elementary principles of the languages, and to give an introduction to the literatures.

Science.

THE DEPARTMENT OF MATHEMATICS.

The prescribed course in mathematics comprises solid geometry, algebra, plane and spherical trigonometry, surveying, and analytic geometry. The elective course includes the differential and integral calculus, and quaternions.

The instruction during the Freshman year is devoted to geometry, the regular course being supplemented by extended original work in the demonstration of problems and propositions involving the principles given in the text-book; to algebra, especial attention being given to the theory of limits and of the infinitesimal analysis, including its application to the solution of analytic problems; and to plane and spherical trigonometry. During the latter part of the year, and simultaneously with the course in trigonometry, the members of the advanced division pursue a course in surveying, the principal feature of which is the training in the practical use of the instruments in field-work.

In the first term of the Sophomore year analytic geometry is pursued, this ending the prescribed course in mathematics. The elective courses in the differential and the integral calculus extend through the remainder of the year.

THE DEPARTMENT OF PHYSICS.

Mathematical Physics. — In the first term of the Junior year the elective study is analytic mechanics, in which special prominence is given to the doctrine of energy and the theory of the potential. The subsequent course in mathematical physics is designed to illustrate still further the principle of energy in the theory of electricity and magnetism and of heat. This course extends through the second and third terms of the Junior year. Quaternions or any advanced course in pure mathematics may be pursued in place of the elective work in mathematical physics.

Experimental Physics. — The prescribed course in experimental physics extends through the entire Junior year, and consists of lectures, illustrated by means of ample apparatus. It embraces molecular physics, mechanics (including the theory of the pendulum), hydrostatics and hydraulics, pneumatics, electricity and magnetism, acoustics, optics, heat, and meteorology; and it is the aim of the course to demonstrate, by experiment and by mathematical theory, the laws of the physical world.

THE DEPARTMENT OF ASTRONOMY.

There are two elective courses: the first, in elementary astronomy, pursued during the first term of the Senior year, in which the history, fundamental facts and principles, latest developments and probable future of the science are dealt with and a foundation laid for the subsequent work; the second, in more advanced astronomy, pursued during the third term of the Senior year, in which the chief topics in practical and theoretic astronomy are systematically dealt with, and the methods and results of the modern astronomy are fully dwelt upon. This course includes the theory of the construction of the astronomical ephemeris, or nautical almanac, with illustrations of the applications of this theory to the derivation of numerical results. About one-half of the course is devoted to the theory of the construction, mounting, adjustment, and use of the principal instruments of the astronomical observatory; each student making observations with these instruments, and himself completely calculating and reducing them.

THE DEPARTMENT OF CHEMISTRY.

The course in chemistry begins with the second term of the Sophomore year with lectures and recitations from a hand-book on the non-metallic elements and their compounds. It is continued during the whole of the Junior and Senior years, with lectures on the metallic elements and their compounds, on qualitative and quantitative analysis, on the chemical forces and chemical physics, on the chemistry of organic substances, and on chemical theories, accompanied with laboratory work in qualitative and quantitative analysis of both inorganic and organic compounds. The laboratory work is all conducted under the constant supervision of an instructor, and, in special cases, facilities are offered during a single term for advanced technical work. The aim of the course is to train the student in habits of accuracy and of quick observation, and to give him knowledge for wisely choosing, and facility for successfully pursuing his subsequent course of scientific work.

THE DEPARTMENT OF MINERALOGY AND GEOLOGY.

Mineralogy. — The course in mineralogy commences in the third term of the Junior year, with an elective offered to those who have had suitable preliminary training in chemistry. The first half of the course is devoted to crystallography, and the last half to the study of the physical and chemical properties of minerals and their determination. The work is wholly of a practical character, the student working two hours daily under the eye of the teacher. In the first part of the work the

student is taught to draw crystals in accordance with a method based upon analytic geometry, and, if he advances rapidly enough, to measure and calculate the constants of crystals in accordance with spherical trigonometry.

Geology. — In the first term of the Senior year a general course in geology is offered to the whole class, with frequent excursions for practical observation; while those portions of the rather wide range of study embraced under this head, and which require special scientific training, are deferred to the winter term, when parallel courses in chemical geology and lithology, and in palæontology are offered. In the third term practical work is offered, the aim being to teach the use of instruments and the methods of real geological work; and for this purpose portions of field-work of suitable character are assigned separately to small groups of students, never more than three together, who work under the teacher's supervision, and are required to prepare a map or thesis on the work of the term.

THE DEPARTMENT OF HYGIENE AND PHYSICAL EDUCATION.

Instruction in the fundamental laws affecting the health of students is given early in the Freshman year. In order to understand how to care for the health, the student must be taught the structure and use of the body; and a course of lectures and recitations on human anatomy and physiology, illustrated by clastic models and veritable parts of the body, is given during the Sophomore year to meet this necessity. At the same time, this instruction is expected to form a suitable foundation for the subsequent instruction in comparative anatomy and physiology.

THE DEPARTMENT OF BIOLOGY.

The work in the department of biology is all optional. It begins with the first term of the Junior year, and may be continued for the remainder of the collegiate course. The first term's work consists of lectures on general zoölogy and comparative physiology; the second, of the systematic study of invertebrates; while the third term is devoted to botany. In the Senior year the student dissects the most common forms of both vertebrates and invertebrates, and learns their comparative structure by direct observation. He is at the same time taught the use of the microscope, and the methods of study and recognition of most of the normal tissues.

While one special aim of the department is to furnish the student of medicine with a broad foundation for his future studies, its general aim is to lead every student to a careful examination of the laws which govern the structure, actions, and occurrence of all living forms.

Synopsis of the Course of Study.

The Freshman Year.

THE FALL TERM.

History: Rome and Carthage, *two weeks*, *five hours a week*. — **Greek**: Selections from Herodotus; Homer's Odyssey, or Greek Lyric Poets, begun, *four hours a week*. — **Latin**: Cicero De Senectute and De Amicitia; with exercises in Latin Composition and in reading Latin at sight, *thirteen weeks*, *five hours a week*. — **Elocution**: Lectures; with exercises in Vocal Culture, *one hour a week*. — **Rhetoric**: Genung's Elements of Rhetoric, *three hours a week*. — **Mathematics**: Wentworth's Geometry, *eleven weeks*; Olney's University Algebra, *four weeks*, *four hours a week*. — **Hygiene**: Eight Lectures. — **Exercise in Physical Culture**: *four days a week*.

THE WINTER TERM.

Greek: Homer's Odyssey, or Greek Lyric Poets, continued; with Plato's Apology and Crito, for the advanced division, *five hours a week*. — **Latin**: Livy, Books XXI. and XXII.; with exercises in Latin Composition, and in reading Latin at sight, *four hours a week*. — **Elocution**: Declamations, *one hour a week*. — **Rhetoric**: Hepburn's Manual, *three hours a week*. — **Mathematics**: Algebra, concluded, *four hours a week*. — **Exercise in Physical Culture**: *four days a week*.

THE SUMMER TERM.

Greek: Plato's Apology and Crito, with Selections from Thucydides for the advanced division: Greek Testament, *five hours a week*. — **Latin**: The Odes, selections from the Satires, and the Ars Poetica of Horace; with the Horatian Metres and exercises in Latin Composition, *five hours a week*. — **Mathematics**: Newcomb's Trigonometry, *six hours a week*; with practical surveying for the advanced division. — **Exercise in Physical Culture**: *four days a week*.

The Sophomore Year.

THE FALL TERM.

Greek: Electra of Sophocles and Prometheus of Aeschylus, *four hours a week;* Lectures on the Greek Drama, *one hour a week.* — **Latin**: The Trinummus and Captivi of Plautus, *eight weeks;* Cicero De Officiis, *seven weeks*, *four hours a week;* reading Latin at sight, and the analysis of words and forms. — **Elocution**: Declamations, *one hour a week.* — **French**: Sauveur's Causeries avec mes Élèves; Labiche's La Lettre chargée; Ohnet's Le Maître de Forges; Larousse's Grammaire complète; exercises in writing French, *four hours a week.* — **Mathematics**: Analytic Geometry, Loomis; advanced division, Newcomb, *four hours a week.* — **Exercise in Physical Culture**: *four days a week.*

THE WINTER TERM.

PRESCRIBED STUDIES. — **Greek**: Demosthenes De Corona; with Lectures, *nine weeks;* Greek Testament, *three weeks*, *four hours a week.* — **Latin**: Selections from Seneca's Essays and Epistles, *six weeks;* Tacitus's Germania and Agricola, *six weeks*, *four hours a week;* Topics in the History of Roman Literature. — **Elocution**: Declamations, *one hour a week.* — **Chemistry**: Lectures on the non-metallic elements and their compounds, *four hours a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE STUDIES. — **Greek**: Same as the Winter Term of the Junior Year, *four hours a week.* — **Logic**: Formal Logic, *four hours a week.* — **French**: Sauveur's Fables de la Fontaine; Racine's Athalie; Sauveur's Grammaire française pour les Anglais; History of the French Language; French Composition, *four hours a week.* —**Mathematics**: Byerly's Differential Calculus, *four hours a week.*

THE SUMMER TERM.

PRESCRIBED STUDIES. — **Rhetoric**: Written and Critical Exercises, *four hours a week.* — **Chemistry**: Course of the Fall Term, concluded, *three weeks*, *four hours a week.* — **Human Anatomy and Physiolcgy**: *four hours a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE STUDIES. — **Greek**: Medea of Euripides, *eight weeks*, *three hours a week;* Lectures on Greek Historians, *one hour a week.* — **Latin**: Selections from Latin Poets, with Topics in the History of Latin Literature, *eight weeks*, *four hours a week.* — **French**: Marcillac's Manuel d'Histoire de la Littérature française; Bernard's L'Art d'interesser en Classe; Corneille's Le Cid; Sauveur's Grammaire française pour les Anglais, *four hours a week.* — **Mathematics**: Byerly's Integral Calculus, *four hours a week.*

The Junior Year.

THE FALL TERM.

PRESCRIBED STUDIES. — **Rhetoric**: English Composition, *two hours a week*. — **Physics**: Experimental Lectures on Mechanics, with recitations (Ganot), *four hours a week*. — **Exercise in Physical Culture**: *four days a week*.

ELECTIVE STUDIES (*of which each student must select three*).— **History**: Mediæval History, *four hours a week*. — **Greek**: Homer's Iliad; with Lectures, *four hours a week*. — **Latin**: Quintilian, Tenth and Twelfth Books, *seven weeks*; Pliny's Epistles, *eight weeks*, *four hours a week*. — **Early English**: Corson's Handbook of Saxon and Early English, *four hours a week*. — **German**: Brandt's Grammar; Stern's Studien and Plaudereien; Boisen's Preparatory Book of German Prose, *four hours a week*. — **Italian**: Montague's Italian Grammar and Italian Literature; Dall' Ongaro's La Rosa dell' Alpi, *four hours a week*. — **Mathematics**:[1] Analytic Mechanics, *four hours a week*. — **Chemistry**: Lectures on the metallic elements and their compounds; with introductory Lectures on Qualitative Analysis; Laboratory work in Qualitative Analysis of Simple Substances, *nine hours a week*. — **Biology**: Lectures, *four hours a week*.

THE WINTER TERM.

PRESCRIBED STUDIES. — **Rhetoric**: Extemporaneous Speaking, *nine weeks*, *one hour a week*. — **Physics**: Experimental Lectures on Acoustics and Electricity, with recitations (Ganot), *four hours a week*. — **Exercise in Physical Culture**: *four days a week*.

ELECTIVE STUDIES. — **History**: Modern History, *four hours a week*. — **Greek**: Lectures on Greek Life, *one hour a week*; Clouds of Aristophanes, *one hour a week*; Agamemnon of Aeschylus, *two hours a week*. — **Latin**: Seneca's Essays and Epistles, *six weeks*; Tacitus's Histories, *six weeks*, *four hours a week*. — **English Literature**: *four hours a week*. — **German**: Lessing's Emilia Galotti; Schiller's Maria Stuart; Exercises in writing German and in reading at sight, *four hours a week*. — **French**:[2] Pascal's Pensées; Larousse's Cours lexicologique de Style; Sauveur's Contes merveilleux (for narration in French), *four hours a week*. — **Mathematics**: Mathematical Theory of Electricity, *four hours a week*. — **Chemistry**: Lectures on the Chemical Forces, and Chemical Physics; Lectures on Qualitative Analysis, continued; Laboratory work, *nine hours a week*. — **Zoölogy**: Packard's Zoölogy, *four hours a week*.

[1] The elective course in mathematics in the Junior year is open only to the advanced mathematical division.

[2] The elective course in French is open only to those who have taken the elective French of the Sophomore year.

THE SUMMER TERM.

PRESCRIBED STUDIES. — **Rhetoric**: Extemporaneous Speaking, *eight weeks, one hour a week.* — **Physics**: Experimental Lectures on Light and Heat, with recitations (Ganot), *four hours a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE STUDIES. — **Greek**: Plato's Phaedo, with Lectures, *four hours a week.* — **Latin**: Satires of Persius and Juvenal, *three hours a week;* Latin Hymns; History of Christian Latin Literature, *one hour a week.* — **Rhetoric**: Dissertations, *four hours a week.* — **English Literature**: Shakespeare, *four hours a week.* — **German**: Schiller's Wallenstein; Goethe's Hermann and Dorothea; Reading at Sight; History of German Literature, *four hours a week.* — **French**:[1] Lacombe's Histoire du Peuple français; George Sand's La Petite Fadette; Larousse's Cours lexicologique de Style, *four hours a week.* — **Spanish**:[1] Montague's Comparative Grammar; Colmena Española; Worman's First Spanish Book, *four hours a week.* — **Mathematics**: Mathematical Physics, or Hardy's Quaternions, *four hours a week.* — **Chemistry**: Lectures on the Chemistry of Organic Compounds, *four hours a week.* — **Mineralogy**: Crystallography and Determination of Minerals; with practical exercises, *four days a week.* — **Botany**: Gray's School and Field-Book, *four hours a week.*

The Senior Year.

THE FALL TERM.

PRESCRIBED STUDIES. — **Philosophy**: Hickok's Empirical Psychology and Logic, with Lectures, *five hours a week;* Discussions with the President, *one hour a week.* — **Rhetoric**: Extemporaneous Speaking, *nine weeks, one hour a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE STUDIES (*each student will select ten hours*). — **Theism**: *two hours a week.* — **History**: (1) Outline of Ancient History; Mediæval Europe; The Renaissance, *four hours a week;* (2) Constitutional History of the United States, *two hours a week.* — **Political Economy**: Walker, with Lectures, *four hours a week.* — **Art**: Lectures on Sculpture, *two hours a week.* — **Latin**: Cicero De Natura Deorum, *two hours a week.* — **Hebrew**: Davidson's Grammar, *four hours a week.* — **Sanskrit**:[2] (1) Whitney's Grammar; Lanman's Reader, Nala; (2) Selected Hymns of the Rig Veda, *four hours a week.* — **English Literature**: *four hours a week.* — **German**: Selections from Goethe's Prose; History of German Literature, *four hours a week.* — **Astronomy**: Newcomb and Holden, *two hours a week.* — **Chemistry**: Quantitative Analysis; Chemical Theories and Philosophy, *five days a week.*

[1] French and Spanish are taken in alternate years.

[2] The first course is also open to members of the Junior class.

— **Geology**: General course, *four days a week.* — **Biology**: Laboratory work, *four days a week.*

THE WINTER TERM.

PRESCRIBED STUDIES. — **Philosophy**: Hickok's Moral Science, with Lectures, *five hours a week;* Discussions with the President, *one hour a week.* — **Rhetoric**: Extemporaneous Speaking, *nine weeks, one hour a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE STUDIES (*each student will select not less than eight and not more than twelve hours*). — **Philosophy**: Rational Psychology, *four hours a week.* — **Christian Evidences**: *four hours a week.* — **History**: (1) The Reformation; The English and French Revolutions, *four hours a week.* (2) Constitutional History of the U. S., *two hours a week.* — **Political Economy**: Wages; Socialism; Tariffs, *two hours a week.* — **Latin**: Cicero on the Immortality of the Soul, *two hours a week.* — **Hebrew**: Genesis, *four hours a week.* — **Sanskrit**:[1] (1) Whitney's Grammar; Lanman's Reader, Stories from Hitopadeça; (2) Selections in Boehtlingk's Chrestomathy, *four hours a week.*— **Oratory**: Orations, with Criticisms, *two hours a week.* — **English Literature**: *four hours a week.*— **German**: Goethe's Faust; Special Topics in German Literature, *four hours a week.* — **Chemistry**: Course of Fall Term, concluded, *five days a week.* — **Geology**: Advanced course, with Paleontology, and practical work, *four days a week.* — **Biology**: Laboratory work, *two days a week;* Zoölogy of Vertebrates, *four hours a week.*

THE SUMMER TERM.

PRESCRIBED STUDIES. — **Philosophy**: Schwegler's History of Philosophy; with Lectures, and Discussions by the class, *six hours a week.*

ELECTIVE STUDIES (*each student will select not less than eight and not more than twelve hours*). — **Religions of the World**: *four hours a week.* — **History**: (1) Europe since 1815; General History of the United States, *four hours a week;* (2) Constitutional History of the United States, *two hours a week.* — **Greek**: Plato's Phaedo, *four hours a week.* — **Latin**: Satires of Persius and Juvenal, *three hours a week.*—**Hebrew**: Psalms, *four hours a week.*— **Sanskrit**:[1] (1) Whitney's Grammar; Lanman's Reader; Extracts from Manu; (2) Selections in Boehtlingk's Chrestomathy, or Mueller's Pāli Language; Whitney's Study of Language, *four hours a week.* — **German**: Literature of the Present Century, *four hours a week.* — **French**:[2] Lacombe's Histoire du Peuple français; George Sand's La Petite Fadette; Larousse's Cours lexicologique de Style, *four hours a week.* — **Spanish**:[2] Montague's Comparative Grammar; Colmena Española; Worman's First Spanish Book, *four hours a week.* — **Astronomy**: Practical; Theoretical: Observatory work, *five hours a week.* — **Chemistry**: Urinary Analysis and Toxicology, or Laboratory Work with Organic Compounds, *four days a week.* — **Geology**: Lectures on the Geology of the Amherst Region, with Excursions and Field-work, *four days a week.*

[1] The first course is also open to members of the Junior class.

[2] French and Spanish are taken in alternate years.

Courses and Degrees.

THE REGULAR COURSE.

The departments of collegiate instruction are grouped in six general sections: —

(1) The Section of Philosophy.
(2) The Section of Ancient Languages.
(3) The Section of English.
(4) The Section of Modern Languages.
(5) The Section of Mathematics.
(6) The Section of Natural Science.

In each of these sections the grade of the scholarship of each student is recorded on the scale of units from 1 to 5. Every student who has completed his work in each section may be admitted to the degree of Bachelor of Arts, and receive a diploma in testimony of the same. If his average scholarship be represented by the number 2, his diploma is given *rite;* if by 3, *cum laude;* if by 4, *magna cum laude;* and if by 5, *summa cum laude.* No student is entitled to a diploma whose work in any section is incomplete. Such student may, however, receive a certificate of his actual attainments in such partial course.

THE SPECIAL COURSE.

Persons who do not wish to pursue the course prescribed for the degree of Bachelor of Arts are, when approved by the Faculty, admitted to the privileges of the College, and permitted to pursue a select course of study. At the end of the course, a certificate of their attainments may be received from the President.

RESIDENT GRADUATES.

Graduate students who wish to pursue an extended course of study in any department may make arrangements with the College for that purpose.

THE DEGREE OF MASTER OF ARTS.

Candidates for the degree of Master of Arts in course must be graduates of at least three years' standing, and must have spent at least two years in professional or other liberal studies. In ordinary cases they must be recommended by the Faculty. Graduates who wish to be

admitted to this degree should send their request to the Faculty with appropriate vouchers, in such season that they may be received on or before the twenty-fourth day of June.

THE DEGREE OF DOCTOR OF PHILOSOPHY.

The degree of Doctor of Philosophy, for which only college graduates may be candidates, is recommended on compliance with the following conditions : —

(1) A two years' course of study in two subjects of science or literature, or one subject of each, at this College, under the direction and to the approval of the Professors in the departments to which these subjects belong.

(2) An examination upon these subjects, and a thesis upon one of them, satisfactory to these Professors.

(3) The payment of a tuition-fee of one hundred dollars a year, and a diploma-fee of five dollars.

General College Orders.

TERMS AND VACATIONS.

The academic year embraces thirty-eight weeks of term-time, and is divided into the Fall Term of fifteen weeks, the Winter Term of twelve weeks, and the Summer Term of eleven weeks. The holiday intermission of two weeks follows the Fall Term ; the Spring vacation of two weeks follows the Winter Term ; and the long vacation of ten weeks follows the Summer Term.

All the terms begin on a Thursday, the Fall Term at eight o'clock A.M., and the Winter and Summer Terms at eleven o'clock A.M. All the terms end on a Tuesday at noon ; the Summer Term on the day before Commencement.

Commencement-day is the Wednesday next preceding the Fourth of July.

EXERCISES OF THE TERM.

A printed schedule of all the exercises of the College is published at the beginning of every term. On Monday, Tuesday, Thursday, and Friday of each week every student attends either three recitations, or two recitations and two lectures. On Wednesday and Saturday one recitation or one lecture is omitted, and all exercises of the College are suspended on the afternoons of these days.

There are also weekly rhetorical exercises for each class. From the Senior and Junior classes, essays and debates are required; from the Sophomore and Freshman classes, written abstracts and declamations. Preparation is made for the declamations by private rehearsal.

RELIGIOUS CULTURE.

The College, while not sectarian, is distinctively Christian. When the first building was dedicated, and the first President and Professor were inaugurated, "the promotion of the religion of Christ" was declared to be the special object of the undertaking, and this still remains the first and chief aim of the College. Endeavoring to provide the best means for the highest attainable culture, it also seeks to aid its students in the formation of a character of Christian manliness and in the preparation for a life of Christian usefulness.

Two services for public worship are held in the College Church every Sunday, and there are prayers in the Chapel every week-day morning at eight o'clock. Every Thursday evening there is preaching or some other religious exercise, which the students are invited to attend. There are class prayer-meetings regularly on Sunday evenings.

In lieu of attendance upon the Sunday services of the College Church, any student is, on application to the Dean, permitted to attend church services elsewhere with the denomination with which he may be connected. If the student is under twenty-one years of age, his application must be accompanied with a request from his parent or guardian.

PHYSICAL CULTURE.

The department of hygiene and physical education is under the charge of two physicians, who are expected to be informed with regard to the health of all the students. Each student, soon after he enters the College, and twice thereafter during his collegiate course, is minutely examined in reference to his strength and physical condition, and advised as to the particular course he should take for the maintenance and increase of his health and strength. A chart of standard measurements, together with a record of his own measurements, is given him, and he is also directed to the most advantageous use of the ample appliances with which the PRATT GYMNASIUM is provided.

Besides the exercise which every student may take by himself, the members of each class regularly exercise together in the gymnasium every week-day, excepting Wednesday and Saturday. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of the exercises in light gymnastics.

The results of the system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While physiologists

affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than twenty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. This average, moreover, is shown to come from the improvement in the physical condition of the individual student, and not from those dropping out of the course who might be too weak to complete it.

EXPENSES.

The following is a summary of the principal necessary expenses of a student during a collegiate year, exclusive of vacations: —

General term-bill, including tuition, library, gymnasium, and all ordinary incidentals	$100.00	$100.00
Room-rent in College, from $6.00 to $15.00 each term . .	18.00	45.00
Room-rent in private houses, per annum	[30.00]	[60.00]
Fuel and lights	12.00	18.00
Board, from $3.00 to $5.00 per week	114.00	190.00

An additional expense of ten dollars each term is incurred by students who elect work in the Chemical Laboratory during the Junior year. The expenses for room-rent, fuel, and lights, are estimated on the supposition that two students occupy the same room. A higher rent is charged for the best rooms in the College dormitories and in the town. There are some expenses which result from taxes voluntarily imposed by the classes or societies. These, and expenses for furniture, stationery, etc., will vary according to circumstances and the character and habits of the student.

Information about rooms and boarding-places may be obtained on application to the College Janitor, Lansford Gates, at the College, or post-office box No. 80, Amherst, Mass.

PAYMENTS.

A bond, with satisfactory surety for the payment of all College bills, must be given by each student to the Treasurer at the commencement of the term when he enters. One-half of the annual charges is due on the first of October, and is to be paid within two weeks thereafter. The balance becomes due April 15, and is to be paid before May 1.

Prizes.

THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study: —

IN PHILOSOPHY.

The Moseley Prize Scholarships, one of eighty dollars and one of forty dollars, given by the late THOMAS W. H. MOSELEY of Hyde Park, to members of the Senior class making the highest attainments in the scientific evidences of religion. (These scholarships are temporarily withdrawn.)

IN GREEK.

The Hutchins Prizes, given by WALDO HUTCHINS, of New York City: (*a*) Forty dollars to the best scholar in Greek, and twenty dollars to the second in standing, at the end of the Freshman year; (*b*) Sixty dollars to the best scholar in Greek at the conclusion of the collegiate course. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

IN LATIN.

The Bertram Prize Scholarship of one hundred dollars, given by JOHN BERTRAM of Salem, to that member of the Senior class sustaining the best examination upon certain specified authors. In 1886 the scholarship will be awarded for the best written examination upon two of the Verrine orations of Cicero, viz.: *In Q. Caecilium Divinatio*, and the fourth oration of the *Actio Secunda*, with an essay on the mode of legal procedure among the Romans in cases like that of Verres, including an account of the constitution of the court; and the best oral translation at sight from Cicero's writing upon the Immortality of the Soul.

The Thompson Prize of fifty dollars, given by the Rev. WALTER THOMPSON of Troy, N. Y., for the highest scholarship in the Latin of the Junior year, together with certain special work.

The Sophomore Prize of twenty-five dollars, for the best examination on portions of the work of the Sophomore year especially connected with the study of Plautus and Tacitus.

IN ENGLISH.

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by RUFUS B. KELLOGG of Green Bay, Wisconsin, for excellence in declamation.

The Hardy Prizes, the first prize of fifty dollars, the second prize of thirty dollars, given by ALPHEUS HARDY of Boston for improvement in extemporaneous speaking. These prizes are awarded near the conclusion of the collegiate course.

The Hyde Prize of one hundred dollars, given by HENRY D. HYDE of Boston, to that member of the Senior class who may produce the best oration. Composition and delivery are both considered in making the award.

The Bond Prize of one hundred dollars, given by EPHRAIM W. BOND of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

IN MODERN LANGUAGES.

The German Prizes, one of forty dollars, and one of twenty dollars, given by SAMUEL D. WARREN of Boston, for the best examination in reading and translating German at sight.

The French and Italian Prize Scholarship of sixty dollars, given by the class of 1855, for the highest scholarship combined with the greatest improvement.

IN MATHEMATICS, NATURAL PHILOSOPHY, AND ASTRONOMY.

The Walker Prize of two hundred dollars, given by the late WILLIAM J. WALKER of Newport, R.I., for excellence in the mathematics of the Sophomore year, as exhibited in both oral and written examinations. One-fourth of the amount is paid at the end of the Sophomore year, and the remainder at the end of a year of graduate study pursued under the direction of the Faculty.

The Porter Prize of thirty dollars, given by ELEAZER PORTER of Hadley, for highest scholarship in natural philosophy and astronomy. The award is made at the conclusion of the collegiate course, and is determined by the record of all the recitations and examinations in these departments.

IN NATURAL SCIENCE.

The Shepard Mineralogical Prizes, four prizes of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by Professor CHARLES U. SHEPARD, to members of the Senior class for greatest excellence in the department of mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late EDMUND H. SAWYER of Easthampton, for the best work in human anatomy and physiology.

The following prizes are also offered annually: —

The Woods Prize of sixty dollars, given by the late JOSIAH B. WOODS of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the collegiate course.

The Gilbert Prize of one hundred dollars, given by FREDERICK GILBERT of Cincinnati, Ohio, to the class which, during the year, shall most faithfully

discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes — the sum of fifty dollars, given by WILLIAM M. LADD of Portland, Oregon, to be divided among undergraduate members of the College for excellence in heavy gymnastic exercises at the annual exhibition.

The Porter Admission Prize of sixty dollars, given by ELEAZER PORTER of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of the school at which, or the instructor with whom, he prepared for College are published in the catalogue.

During the year 1884–1885 prizes were awarded as follow: —

THE PHI BETA KAPPA PRIZE, . . to Jason Hinman, of the class of 1885.

THE HUTCHINS PRIZES, (*a*) (1) to A. V. Davis, (2) to A. H. Pierce, } of the class of 1888.

THE HUTCHINS PRIZE, (*b*) . . . . to C. H. White, of the class of 1886.

THE BERTRAM PRIZE, ... to G. C. Howland, of the class of 1885.

THE THOMPSON PRIZE, ... to Wm. T. Mather, of the class of 1886.

[An Equivalent Prize], ... to Frederick L. Eno, of the class of 1886.

THE SOPHOMORE PRIZE, ... to Willard B. Thorp, of the class of 1887.

THE KELLOGG PRIZES, ... to Jos. L. Dixon, of the class of 1887. to L. B. Goodrich, of the class of 1888.

THE HARDY PRIZES, . . . (1) to Jason Hinman, (2) to Ezra P. Prentice, } of the class of 1885.

THE HYDE PRIZE, ... to F. P. Noble, of the class of 1885.

THE BOND PRIZE, ... to Jason Hinman, of the class of 1885.

THE GERMAN PRIZES, . . . (1) to W. G. Schauffler, (2) to Seelye Bryant, } of the class of 1886.

THE FRENCH AND ITALIAN PRIZE, to Seelye Bryant, of the class of 1886.

THE WALKER PRIZE, ... to R. S. Rounds, to W. P. White, } of the class of 1887.

THE PORTER PRIZE, ... to Wm. H. Hallock, of the class of 1885.

THE SAWYER PRIZE, ... to Walter P. White, of the class of 1887.

THE WOODS PRIZE, ... to E. G. Warner, of the class of 1885.

THE GILBERT PRIZE, ... to the Class of 1887.

THE PORTER ADMISSION PRIZE, . to E. A. Appleton, of the class of 1889, who prepared for College at the Springfield High School, and the Phillips Academy, Andover.

Beneficiary Aid.

THE beneficiary funds of the College yield, at present, an annual income of about $8,000. Except as otherwise provided by the donors, this is distributed, at the discretion of the Faculty, among students of high character and good scholarship but slender means.

Application for such aid should be made to the Registrar, accompanied with satisfactory evidence that it is actually needed, as early as October 1 of each year, the receipt of it for one year not establishing a claim to it for another.

This income is from the following Funds: —

The Charitable Fund, of $80,000, exclusively in aid of those studying for the Christian ministry.

The Stone Scholarship Fund, of $25,000, in awarding the income of which preference is given to sons of missionaries and ministers.

The Hitchcock Scholarship Fund, of $10,000, established by SAMUEL A. HITCHCOCK of Brimfield.

The Day Benevolent Fund, of $5,000, by a bequest of MOSES DAY of Boston.

The Seymour Scholarship Fund, of $5,000, by a bequest of JAMES S. SEYMOUR of Auburn, N. Y.

The Farnsworth Scholarship Fund, of $3,000, established by ISAAC D. FARNSWORTH of Boston.

The Persian Scholarship Fund, of $2,000, by a bequest of the Rev. JAMES L. MERRICK of Amherst.

The Charles Merriam Scholarship Fund, of $2,000, established by CHARLES MERRIAM of Springfield.

The Quincy Tufts Scholarship Fund, of $2,000, by a bequest of QUINCY TUFTS of Boston.

The Henry Gridley Scholarship of the Class-of-1862 Fund, of $2,000, established by the Class, in memory of their classmate whose name it bears.

The Whitcomb Scholarship Fund, of $2,000, established by DAVID WHITCOMB and G. HENRY WHITCOMB of Worcester.

The Alexander H. Bullock Scholarship Fund, of $1,500, established by ALEXANDER H. BULLOCK of Worcester, of the class of 1836.

The Scholarship of the Class-of-1836 Fund, of $1,500, established by the Class.

The Scholarship of the Class-of-1871 Fund, of $1,400, established by the Class.

The Scholarship of the Class-of-1826 Fund, of $500, established by a member of the class.

The J. H. Bigelow Scholarship Fund, of $500, established by J. H. BIGELOW of Worcester.

The Scholarship of the Class-of-1844 Fund, of $500, established by the Class.

Twenty-three scholarship-funds of $1,000 each, as follow: —

The Levi Russell Scholarship Fund, established by LEVI RUSSELL of Hadley.

The Tuttle Scholarship Fund, by bequest of Mrs. SARAH TUTTLE of Wayland.

The George Cook Scholarship Fund, established by GEORGE COOK of Keene, N. H., of the class of 1841.

The Enos Dickinson Scholarship Fund, established by ENOS DICKINSON of Amherst.

The John C. Newton Scholarship Fund, established by JOHN C. NEWTON of Worcester.

The James H. Newton Scholarship Fund, established by JAMES H. NEWTON of Holyoke.

The Johnson Scholarship of the Class-of-1823 Fund, established by A. J. JOHNSON of New York City.

The Southworth Scholarship of the Class-of-1822 Fund, established by WELLS SOUTHWORTH of New Haven, Ct.

The Joseph Carew Scholarship Fund, established by JOSEPH CAREW of South Hadley Falls.

The Gregory Scholarship of the Class-of-1850 Fund, established by JAMES J. H. GREGORY of Marblehead.

The Dolly Coleman Blake Scholarship Fund, by bequest of DOLLY COLEMAN BLAKE of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. MILLER of Montclair, N. J., in memory of her son, J. C. B. MILLER, of the class of 1869.

The Green Scholarship Fund, by a bequest of the REV. HENRY SOLOMON GREEN of Andover, of the class of 1834, as a memorial gift from himself and H. M. GREEN of the class of 1865.

The Scholarship Funds established by and bearing the name of —

The Class of 1831,	The Class of 1855,	The Class of 1858,
The Class of 1839,	The Class of 1856,	The Class of 1865,
The Class of 1845,	The Class of 1857,	The Class of 1869.
The Class of 1849,		

Scholarship-funds yielding the following amounts annually: —

The Moore Scholarships, three, $140 each, founded by the Rev. Dr. MOORE, the first president of the College.

The State Scholarships, three, $45 each.

The Adams Scholarships, three, $40 each, by a bequest of ASAHEL ADAMS of North Brookfield.

Also the following scholarships maintained by annual gifts: —

The Samuel D. Warren Scholarships, two, of $70 each, by SAMUEL D. WARREN of Boston.

The Heman Humphrey Scholarship, of $70, by a member of the class of 1834, in memory of President HUMPHREY.

The Sayles Scholarship, of $100, by FRED THOMAS SAYLES, of the class of 1881.

The A. Lyman Williston Scholarship, of $75, by A. LYMAN WILLISTON of Northampton.

The College Library.

THE College library contains forty-five thousand volumes, including five thousand belonging to the Athenæ and the Alexandria Literary Societies which are cared for as a part of the general library. The society libraries contain most of the lighter literature and furnish abundant recreative reading. The general library is, therefore, directed with main reference to the purposes of study and thoughtful reading. The object kept constantly in view is to broaden the scope of the work done both by teachers and students; and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of between four and five thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, well lighted and ventilated, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by the teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the book-shelves in the main library-room. In each section of the room chairs and tables near the shelves furnish facilities for the use of the books, and the librarian and assistants are ready to give each applicant all needed assistance in any line of reading or research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar.

In addition to the use of the books in the library-building, each student is permitted to have out three volumes at a time, and any member of either literary society may take three society-library books in addition.

During term-time the College library is open for reference and the drawing of books from 9 to 11.30 A.M., and from 1.30 to 4 P.M., and the library reading-room is open from 9 A.M. to 12 M., and from 1.30 to 5 P.M., every day, with the exception of Sundays and holidays. During the vacations the library and its reading-room are opened regularly once a week, at an hour convenient to the librarians.

By a recent vote of the trustees, the library-building now bears the name of THE HENRY T. MORGAN LIBRARY, in recognition of the munificent bequests of the late HENRY T. MORGAN of New York City.

The collection of slabs, sculptured in the earliest style of the Assyrian art, about 900 B.C., and obtained by the late Dr. HENRY LOBDELL from the palace-walls of Sardanapalus at Nimroud, are in the porch of the LIBRARY.

The rooms of the Reading-Room Association, in North College, are supplied with daily and weekly newspapers, and are open every day except Sundays.

The Art Museum.

The College is furnished with a large collection of casts of statuary, illustrating the leading periods of historical sculpture. It comprises over fifty statues and groups from the antique, as well as illustrations of the works of Michel Angelo, Canova, and Thorwaldsen, all of the size of the originals. The collection has also nearly as many statuettes and busts illustrating the same subjects, besides copies of the most important antique bas-reliefs, including the Panathenaic frieze from the Parthenon, which encircles the hall containing the casts.

In addition to the above, there are full-sized casts of the Ghiberti gates at Florence, and of Crawford's doors of the Capitol at Washington.

Egyptian sculpture is represented by the statue of Amenophis III.; early Greek, by the colossal lions at Mycenæ and the Ægina marbles. Following these are numerous illustrations of the best periods of Greek and Roman sculpture, including the Hermes and Victory recently discovered at Olympia.

The Museum occupies the third floor of WILLISTON HALL, and is open every week-day during term-time from ten to eleven o'clock A.M., and from three to four o'clock P.M. Also, from the middle of May to November 1, the Museum is open every week-day from nine o'clock A.M. to five o'clock P.M.

Natural Philosophy.

The collection of apparatus for illustrating the course of lectures in experimental physics is extensive, embracing instruments of the latest and most approved forms, and including means for electrical measurements and for demonstrating the recent discoveries in light and sound. It occupies a room on the second floor of WALKER HALL, where ample accommodations are furnished for its arrangement and use.

The Observatory.

The building bears the name of the LAWRENCE OBSERVATORY, and it is equipped with a seven-and-one-quarter-inch telescope by ALVAN CLARK, an alt-azimuth instrument, a transit instrument with the usual accessories for meridian observations, surveying and engineering instruments, and a six-and-

one-half inch transit instrument by PISTOR & MARTINS, not yet mounted. While a small amount of original research is regularly maintained at the Observatory, it is at present chiefly employed for educational purposes. Connected with the Observatory is the division of practical meteorology, in which observations of the chief meteorological elements are systematically conducted in continuance of the work begun in 1835 by the late Professor E. S. SNELL, and which has been maintained without interruption to the present time.

By the gift of THOMAS and FRANK MCGRAW, sons of THOMAS H. MCGRAW, of Poughkeepsie, N. Y., the Observatory possesses a piece of apparatus very useful in instruction in elementary astronomy, known as the "Terrestro-sidereal Sphere," invented and made by Mr. J. G. BERNEIKE, of Brooklyn, N. Y.

The Natural History Collections.

The WOODS CABINET is named in honor of the Hon. JOSIAH B. WOODS of Enfield, its principal donor. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about 25,000 specimens.

In the APPLETON CABINET, named from the Hon. SAMUEL APPLETON of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President HITCHCOCK, are to be found about 1400 specimens, containing at least 20,000 tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. GEORGE H. GILBERT of Ware, by whose liberality it was mainly established. It comprises about 3500 specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut Valley. The zoölogical collection was originally gathered and arranged by Professor CHARLES B. ADAMS. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of AUZOUX are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than 100,000 specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. ELBERT E. FARMAN, LL. D., of Warsaw, N. Y., the College possesses the celebrated collection of birds made by AUDUBON, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the APPLETON CABINET. Also, there have been added to this collection by the same donor several

of the rarer California birds which have been discovered since the death of AUDUBON.

The cabinets are open to the public every week-day, from ten to eleven o'clock A.M., and from three to four o'clock P.M.

The Gymnasium.

The new building bears the name of the PRATT GYMNASIUM, in honor of CHARLES M. PRATT of Brooklyn, N. Y., its chief donor. The structure is 120 feet in length and 80 feet in breadth, and is built in the most thorough manner. The main hall affords ample space for a class of one hundred members to receive drill-practice with light dumb-bells, and some marching movements, under the guidance of a captain. A running-gallery, with a track 207 feet long, surrounds the hall. The equipment of specialized apparatus is complete, and enables a large number of students to take individual and voluntary exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the rooms of the Professor of Hygiene, and apartments for the examination and measurement of the students, well equipped with the necessary apparatus for tests of strength, the lungs and other vital organs of the body.

One division of the building contains a billiard-room, open during a portion of each week-day and evening, at which twenty students may have, at the same time, the benefit of the games of billiards and pool. In the basement are the bowling-alleys, a sparring-room, an area for the use of the Indian clubs, and ample space for practice at the game of base-ball. During term-time the gymnasium is open every week-day from 8.15 o'clock A.M. to 10 o'clock P.M.

Blake Field, of about four acres, containing a graded ball-ground and running-track, affords every facility for out-door sports and athletic games.

THE SIXTY-FOURTH

Commencement of Amherst College,

WEDNESDAY, JULY 1, 1885.

Order of Exercises.

MUSIC.

PRAYER BY THE PRESIDENT.

(1) WILLIAM H. HALLOCK . . { *Language and Science as Means of Mental Discipline.*

(2) HERBERT G. MANK . . . . *Transcendentalism in Literature.*

(3) SANFORD L. CUTLER . . . . . *Cavour and Italy.*

(4) GEORGE E. GARDNER . . . . . *The Spirit of Criticism.*

MUSIC.

(5) FREDERIC W. PHELPS . . . . . *The Poet and Nature.*

(6) EDWIN G. WARNER . . . *The Moral Element in Education.*

(7) JASON HINMAN . . . . . *Socialism and Individualism.*

(8) GEORGE C. HOWLAND . . . . . *The Dreamer.*

MUSIC.

THE CONFERRING OF DEGREES.

PRAYER.

Degrees Conferred in 1885.

HONORARY DEGREES.

LL. D. — Professor Timothy Field Allen, M. A., M. D.
Hon. Edward Bates Gillett.
Rev. William Hayes Ward, M. A., D. D.

D. D. — Rev. John Alexander Hamilton.
Rev. Charles Marion Lamson, M. A.
Rev. Lyman Sibley Rowland, M. A.

Ph. D. — Professor Samuel Franklin Emerson.

DEGREES IN COURSE.

Ph. D. — Rev. Charles Swan Walker, M. A., S. T. B.

M. A. — Rev. George Warren Barber, B. A. (1867).
George Elihu Bellows, B. A. (1882).
Rev. Arthur Dart Bissell, B. A. (1879).
Hosea Gordon Blake, B. A. (1882).
Enoch Hale Burt, B. A. (1882).
John Pearsons Cushing, B. A. (1882).
Thomas Glover Eaton, B. A. (1880).
Arthur Wilmot Fiske, B. A. (1880).
Harry Norman Gardiner, B. A. (1878).
William Storrs Greene, B. A. (1882).
Edson Dwinell Hale, B. A. (1882).
Alfred Dwight Foster Hamlin, B. A. (1875).
John Quincy Hayward, B. A. (1882).
Albert Wellman Hitchcock, B. A. (1882).
Russell Moody Little, B. A. (1880).
Charles William Morey, B. A. (1880).
Frank Louis Nason, B. A. (1882).
Wilbur Fiske Nichols, B. A. (1880).
Alfred Grosvenor Rolfe, B. A. (1882).
Henry Winchester Rolfe, B. A. (1880).
Watson Lewis Savage, B. A. (1882), M. D.
Arthur Josephus Shaw, B. A. (1881).
Rev. Roland Cotton Smith, B. A. (1882).
William Foster Stearns, B. A. (1882).
Giles Heath Stilwell, B. A. (1881).
Rev. George Alexander Strong, B. A. (1880).
Walter Shepard Ufford, B. A. (1882).
Fred Whiting, B. A. (1882), M. D.
Luther Denny Whittemore, B. A. (1880).

DEGREES IN COURSE (*continued*).

B. A. — Herbert Vaughan Abbott.
Herbert Brown Ames.
Geo. Fort-Donalson Anthony.
Franklin William Barrows.
James Burt Best.
Benjamin Brooks.
Hanford Montrose Burr.
John Edward Butler.
George Henry Cobb.
Elmer Japheth Corttis.
Sanford Lyman Cutler.
Fred Holland Dewey.
Thompson Coit Elliott.
Robert Erskine Ely.
William David Evans.
Pliny Fiske.
Tod Buchanan Galloway.
George Enos Gardner.
Frederick Davis Greene.
Alfred Marvin Hall.
William Hall Hallock.
Frederick Bemis Harlow.
Edward Park Harris.
William Cushman Hawks.
Jason Hinman.
Arthur John Hopkins.
Elihu Russell Houghton.
George Carter Howland.
Edward Waite Hubbard.
William Alanson Hunt.
Joseph Hutcheson.
Perry Herbert Irish.
Charles Arthur Jones.
William Sanford Kimball.
Keizo Koyano.
Ellsworth Gage Lancaster.
Charles Holbrook Longfellow.

B. A. — Walter Carroll Low.
Herbert Gardner Mank.
Josiah William Morris.
Henry Harvey Morse.
Frederick Perry Noble.
Francis Leseure Palmer.
Frederic William Phelps.
Ezra Parmelee Prentice.
Fred Bates Richards.
Theodore W. Scarborough.
Sidney Algernon Sherman.
Edward Simons.
Charles Huntington Smith.
Ernest Herman Smith.
Sherrod Soule.
Elisha Morse Stevens.
Arthur Fairbanks Stone.
William Greenough Thayer.
George Parsons Tibbets.
Edwin Starr Tirrell, Jr.
George Loring Todd.
James Eaton Tower.
Edward Arthur Tuck.
Edwin Benjamin Tucker.
Edward Gerry Tuttle.
Irving Hawkes Upton.
Edward Roswell Utley.
Henry Morrison Waite.
Edwin Gaylord Warner.
James Timothy Whiting.
Frank Ellsworth Whitman.
Samuel Hubbard Williams.
John Churchwood Wilson.
Edwin Burns Woodin.
George Catlin Woodruff, Jr.
Edward Minton Woodward.

73.

B. S.

Clarence Mason Austin.
Burt Nichols Bridgman.
Charles Henry Nichols.
Warren Edward Russell.
Ervin Alden Tucker.
George Mortimer Turner.

B. A. — (*Extra ordinem.*)

Samuel Edwards Appleton, (1884).
Sidney Dickinson, (1874).
William Mathew Ducker, (1876).
Charles William Eustis, (1884).
Charles Edward Osgood Nichols, (1882).
Guy Woodbridge Wadsworth, (1884).

The Alumni.

The General Association.

(*Annual Meeting on Commencement Day.*)

President: Rev. JONAS O. PECK, D. D., New Haven, Conn.

Vice-Presidents:

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